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GEWALD, R., SCHEIM, U., RÜHLMANN, K., GOESMAN, H., FENSKE, D., Synthesis of siloxanes. XXII. Synthesis and crystal structure of 2-t-butoxy-2,4,6-trimethyl-4,6-diphenyl-(2-α,4-α,6-α)-cyclotrisiloxane *[Tech. Univ. Dresden, Inst. Organ. Chem. & Farbenchem., Dresden, Germany; Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany]*

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reagent: One-pot preparation of 2,5-bis(alkoxymethyl)-tetrahydroselenophenes by the cyclization of 1,5-hexadiene *[Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

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RICCI, G., ITALIA, S., GIARRUSSO, A., PORRI, L., Polymerization of 1,3-dienes with the soluble catalyst system methylaluminoxanes-$[CpTiCl_3]$. Influence of monomer structure on polymerization stereospecificity *[Politecn Milan, Dipartimento Chim. Ind. & Ingn. Chim., Milan, Italy; Instr. Macromolec. Chem., Milan, Italy]*

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CALDERAZZO, F., DE BENEDETTO, G.E., PAMPALONI, G., MÖSSMER, C.M., STRÄHLE, J., WURST, K., Bis(arene)vanadium(0) complexes as a source of vanadium(II) derivatives by both disproportionation of the $[V(\eta^6\text{-arene})_2]^+$ cations and oxidation of $[V(\eta^6\text{-arene})_2]$ *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., Sez. Chim. Inorgan., Pisa, Italy; Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

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$MeC(CH_2PPh_2)_3$ *[CNR, Ist. Studio Stereochim. & Energet. Composti Coord., Florence, Italy; Univ. Ferrara, Dipartimento Chim., CNR, Chim. Nucl. Inorgan. Lab., Ferrara, Italy]*

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BUSETTO, L., BORDONI, S., ZANOTTI, V., CASSANI, M.C., Further applications of the NCO^- insertion into a C–SR bond: synthesis of the bis(μ-acylisocyanide) complex $[Fe_2(CO)_2(Cp)_2\{\mu\text{-}CNC(O)SMe\}_2]$ *[Univ. Bologna, Dipartimento Chim. Fis. & Inorgan., Bologna, Italy]*

Vol. 451 pp. 111–121 (1993)
KOCHI, J.K., WEI, C.H., Charge-transfer ion pairs with cationic bis(arene) iron(II) acceptors. Thermal electron-transfer catalysis of aromatic de-ligation *[Univ. Houston, Dept. Chem., Houston, TX, USA]*

Vol. 451 pp. 123–131 (1993)
ROBERTO, D., PSARO, R., UGO, R., Surface organometallic chemistry: reductive carbonylation of silica-supported $RuCl_3{\cdot}3H_2O$ *[Univ. Milan, CNR Ctr., Milan, Italy; Univ. Milan, Dept. Inorgan. & Organomet. Chem., Milan, Italy]*

Vol. 451 pp. 133–138 (1993)
NEVEUX, M., SEILLER, B., HAGEDORN, F., BRUNEAU, C., DIXNEUF, P.H., Novel ruthenium-catalyzed synthesis of 1,3-dioxolan-4-ones from α-hydroxy acids and terminal alkynes *via* enol esters *[Univ. Rennes 1, CNRS, URA 415, Chim. Coordinat. Organ. Lab., Rennes, France]*

Vol. 451 pp. 139–146 (1993)
BIANCHI, M., MENCHI, G., MATTEOLI, U., PIACENTI, F., Catalytic activity of cluster ruthenium complexes: oligomerization of ethylene *[Univ. Florence, Dept. Organ. Chem., Florence, Italy; Univ. Venezia, Dipartimento Chim., Venice, Italy]*

Vol. 451 pp. 147–151 (1993)
HEINEKE, D., VAHRENKAMP, H., Coupling of two alkynes with a carbon and an oxygen atom on an Ru_3 cluster *[Albert Ludwigs Univ., Inst. Anorgan. & Analyt. Chem., Freiburg, Germany]*

Vol. 451 pp. 153–156 (1993)
OSELLA, D., MILONE, L., KUKHARENKO, S.V., STRELETS, V.V., ROSENBERG, E., HAJELA, S., Electrochemistry of $[\{Ru_3(CO)_9(\mu_3\text{-}\eta^2\text{-}C{\equiv}C^tBu)\}_2Hg]$ and $[Ru_3(CO)_9(\mu_3\text{-}\eta^2\text{-}C{\equiv}C^tBu)HgX]$ $\{X = Re(CO)_5$ or $MoCp(CO)_3\}$ *[Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy; Russian Acad. Sci., N.N. Semenov Chem. Phys. Inst., Chernogolovka, Russia; Calif. State Univ. Northridge, Dept. Chem., Northridge, CA, USA]*

Vol. 451 pp. 157–162 (1993)
CENINI, S., CONSOLE, S., CROTTI, C., TOLLARI, S., Metal catalyzed deoxygenation by carbon monoxide of *o*-substituted nitrobenzenes. Synthesis of 1,4-dihydro-2*H*-3,1-benzoxazin-2-one derivatives *[Univ. Milan, Dept. Inorgan. & Organomet. Chem., Milan, Italy; Univ. Milan, CNR Ctr., Milan, Italy]*

Vol. 451 pp. 163–168 (1993)
BORONI, E., PREDIERI, G., TIRIPICCHIO, A., CAMELLINI, M.T., Reactivity of double thioureas towards metal complexes. Synthesis and crystal structure of $[\{(\mu\text{-}H)Ru_3(CO)_9\}_2\{SC(NPh)N(Et)(CH_2)_2NH(PhN)CS\}]$ *[Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist. Diffrattometr., Parma, Italy]*

Vol. 451 pp. 169–173 (1993)
DE WANG, M., ALPER, H., Phase transfer catalyzed reductive acylation of nitrogen-containing heteroaromatics with acetylcobalt tetracarbonyl *[Univ. Ottawa, Dept. Chem., Ottawa Carleton Chem. Inst., Ottawa, ONT, Canada]*

Vol. 451 pp. 175–182 (1993)
WERNER, H., SCHNEIDER, D., SCHULZ, M., Vinylidene transition-metal complexes. XXV. Novel square-planar alkynylrhodium anions *trans*-$[RhCl(C{=}CR)(P^iPr_3)_2]^-$ as precursors for alkyne, vinylidene and allene rhodium complexes *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 451 pp. 183–194 (1993)
IMADA, Y., SHIBATA, O., MURAHASHI, S.-I., Aza- and oxacarbonylations of allyl phosphates catalyzed by rhodium carbonyl cluster. Selective synthesis of β,γ-unsaturated amides, esters, and acids *[Osaka Univ., Fac. Engn. Sci., Dept. Chem., Toyonaka, Osaka, Japan]*

Vol. 451 pp. 195–204 (1993)
WEHMAN-OOYEVAAR, I.C.M., VEDRAL, J.A., JASTRZEBSKI, J.T.B.H., GROVE, D.M., VAN KOTEN, G., Novel rhodate and iridate complexes containing C,N chelating arylamine ligand systems *[Univ. Utrecht, Debye Inst., Dept. Met. Mediated Synth., Utrecht, Netherlands]*

Vol. 451 pp. 205–211 (1993)
JEFFERY, J.C., STONE, F.G.A., TOPALOGLU, I., (Carbaborane)rhodium-copper and -manganese complexes: crystal structure of $[RhCu(PPh_3)(cod)(\eta^5\text{-}7,8\text{-}C_2B_9H_9Me_2)]$ *[Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 451 pp. 213–220 (1993)
BURDENIUK, J., MILSTEIN, D., Polarizable stilbazole-based organometallic complexes and polymers *[Weizmann Inst. Sci., Dept. Organ. Chem., Rehovot, Israel]*

Vol. 451 pp. 221–229 (1993)
SRIVASTAVA, R.S., SINGH, G., NAKANO, M., OSAKADA, K., OZAWA, F., YAMAMOTO, A., Synthesis, characterization, and carbonylation reactions of methylpalladium amide, carbamate, and alkyl carbonate complexes *[Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Yokohama, Kanagawa, Japan]*

Vol. 451 pp. 231–241 (1993)
MOISEEV, I.I., KOZITSYNA, N.Y., KOCHUBEY, D.I., KOLOMIICHUK, V.N., ZAMARAEV, K.I., Synthesis and characterization of platinum and palladium clusters with phosphide ligands *[Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia; Russian Acad. Sci., Inst. Catalysis, Novosibirsk, Russia]*

Vol. 451 pp. 243–248 (1993)
GIANNOCCARO, P., RAVASIO, N., ARESTA, M., Methylchloroformate synthesis *via* direct interaction of palladium di(methoxycarbonyl) complexes with $CuCl_2$: utilization in the synthesis of carbonates and carbamates *[Univ. Bari, Dipartimento Chim., Bari, Italy; Univ. Bari, CNR, Ctr. Miso, Bari, Italy]*

Vol. 451 pp. 249–256 (1993)
BENNETT, M.A., JIN, H., WILLIS, A.C., Preparation and X-ray structure of a platinum(II) hydroxycarbonyl, $Pt(CO_2H)\{C_6H_3(CH_2PPh_2)_2\text{-}2,6\}$, containing a *trans*-spanning, tridentate P,C,P-ligand *[Australian Natl. Univ., Res. Sch. Chem., Canberra, ACT, Australia]*

Vol. 451 pp. C1–C3 (1993)
BRONDANI, D.J., CORRIU, R.J.P., EL AYOUBI, S., MOREAU, J.J.E., MAN, M.W.C., A new trialkoxysilylation reaction, the cross-coupling of (tri-isopropyloxysilyl)methyl Grignard reagent with organic halides *[Univ. Montpellier 2, Dept. Chim. Organ. Fine, RP, CNRS, UM 44, Montpellier, France]*

Vol. 451 pp. C4–C6 (1993)
POLIZZI, C., CAPORUSSO, A.M., VITULLI, G., SALVADORI, P., Mesitylene solvated platinum atoms as hydrosilylation catalysts *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., CNR, Ctr. Macromolec. Stereordinate & Otticamente Att., Pisa, Italy]*

Vol. 451 pp. C7–C9 (1993)
COUTURIER, J.-L., LECONTE, M., BASSET, J.-M., OLLIVIER, J., Influence of steric crowding at the heteroatom on the metathesis of functionalized olefins: the polymerization of alkylthiocyclooctenes catalyzed by a metallacyclic aryloxo(chloro)neopentylidenetungsten complex *[Univ. Claude Bernard Lyon 1, Inst. Rech. Catalyse, CNRS, Propre Lab., Villeurbanne, France; Ecole Super Chim. Ind. Lyon, Villeurbanne, France; SNEA, Rech. Lacq Grp., Artix, France]*

Vol. 451 pp. C10–C12 (1993)
DELVILLE, M.-H., ROBERT, F., GOUZERH, P., LINARES, J., BOUKHEDDADEN, K., VARRET, F., ASTRUC, D., Syntheses and structures of decamethylbiferrocene mono- and di-cation triiodides *[Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France; Univ. Paris 06, Dept. Rech. Phys., CNRS, URA 71, Paris, France]*

Vol. 451 pp. C13–C14 (1993)
COMETTI, G., DU VOSEL, A., FRANCALANCI, F., SANTI, R., CABRI, W., FOA, M., Cobalt-catalyzed methoxycarbonylation of naphthalene mono- and di-sulfonates to naphthalene mono- and di-esters *[Ist. G. Donegani Spa Montedison, Novara, Italy; Farmitalia Carlo Erba Spa, Nerviano, Italy; Novamont Spa, Novara, Italy]*

Vol. 451 pp. C15–C17 (1993)
POELSMA, S.N., MAITLIS, P.M., Rhodium catalyzed hydroformylation using slim phosphate ligands to improve selectivity *[Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 451 pp. C18–C21 (1993)
BOTTEGHI, C., PAGANELLI, S., Hydroformylation of cinnamic acid derivatives catalyzed by rhodium complexes *[Univ. Venezia, Dipartimento Chim., Venice, Italy]*

Vol. 451 pp. C22–C24 (1993)
BARRETO-ROSA, M.-M., BONNET, M.C., COMMENGES, G., MANZANO, B., MONTEIRO, A.L., NEIBECKER, D., TKATCHENKO, I., Carbonylation of organic allyl moieties. IV. Unexpected formation of cyclic esters from the carbonylation of alkoxyoctadienes in the presence of rhodium catalysts *[CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France]*

Vol. 451 pp. C25–C27 (1993)
LEONI, P., MARCHETTI, F., PASQUALI, M., Synthesis and X-ray crystal structure of a new palladium catalyst precursor containing an η^2-phosphinate *[Scuola Normale Super Pisa, Pisa, Italy; Univ. Pisa, Dipartimento Chim. & Chim. Ind., Pisa, Italy]*

Vol. 451 pp. C28–C31 (1993)
BOVENS, M., TOGNI, A., VENANZI, L.M., Asymmetric allylic alkylation with palladium coordinated to a new optically active pyrazolylmethane ligand *[ETH Zürich, Anorgan. Chem. Lab., Zürich, Switzerland]*

Vol. 452 pp. 1–4 (1993)
GUPTA, S., SHARMA, S., NARULA, A.K., Synthesis of organomagnesium β-diketonates and alkoxides *[Kurukshetra Univ., Dept. Chem., Kurukshetra, Haryana, India]*

Vol. 452 pp. 5–12 (1993)
COURTOIS, G., MIGINIAC, L., Etude de la régiosélectivité de l'action des organozinciques sur les α-iminoesters issus de 2-amino ou 3-aminoalcools. II. Synthèse de tétradydro-1,4-oxazin-2-ones et d'hexahydro-1,4-oxazépin-2-ones 3-substituées *[Univ. Poitiers, CNRS, UA 574, Synthese Organ. Lab., Poitiers, France]*

Vol. 452 pp. 13–18 (1993)
ZHOU, W.K., LIANG, S.F., YU, S., LUO, W.M., Allylboration of some ketones and aldehydes with 2-allyl-1,2-oxaborolane. Isolation of their intermediate adducts and synthesis of homoallylic alcohols *[Chinese Acad. Sci., Shanghai Inst. Organ. Chem., Shanghai, P.R. China]*

Vol. 452 pp. 19–22 (1993)
EL-NAHHAL, I.M., PARISH, R.V., Insoluble ligands and their applications. III. Polysiloxane diaminoethane derivatives *[Univ. Manchester, Inst. Sci. & Technol., Dept. Chem., Manchester, Lancs, England]*

Vol. 452 pp. 23–28 (1993)
AHMED, I., PARISH, R.V., Insoluble ligands and their applications. IV. Polysiloxane-bis(2-aminoethyl)amine ligands and some derivatives *[Univ. Manchester, Inst. Sci. & Technol., Dept. Chem., Manchester, Lancs, England]*

Vol. 452 pp. 29–32 (1993)
UHLIG, W., Synthese funktioneller Silytriflate auf der Basis von Allylsilanen *[Martin Luther Univ. Halle Wittenberg, Fachbereich Chem., Halle, Germany]*

Vol. 452 pp. 33–39 (1993)
OEHME, H., WUSTRACK, R., HEINE, A., SHELDRICK, G.M., STALKE, D., Strukturuntersuchungen an den Produkten aus der Reaktion des Tris(trimethylsilyl)silyllithiums mit Aceton *[Univ. Rostock, Fachbereich Chem., Rostock, Germany; Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 452 pp. 41–45 (1993)
LAURENT, C., MAZIERES, S., LAVAYSSIERE, H., MAZEROLLES, P., DOUSSE, G., Réactions de cycloaddition-1,4 de germylènes cycliques soufrés et oxygénés sur divers hétéro-1,3 butadiènes siliciés ou germaniés et la 3,5-di t-butylorthoquinone *[Univ. Paul Sabatier, CNRS, UA 477, Chim. Organomineraux Lab., Toulouse, France]*

Vol. 452 pp. 47–53 (1993)
BANDOLI, G., DOLMELLA, A., PERUZZO, V., PLAZZOGNA, G., Hydrogen bonding in the coordination of *N*- and *S*-donor heterocycles to dialkyltin dihalides. Synthesis and structure of *trans*-dibromodicyclohexylbis(pyrazole-N^2)tin(IV), *trans*-dibromodicyclohexylbis(imidazole-N^3)tin(IV)... *[Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy; Univ. Padua, Dipartimento Sci. Farmaceut, Padua, Italy]*

Vol. 452 pp. 55–61 (1993)
HEßLER, B., LANGHANS, K.P., STELZER, O., SHELDRICK, W.S., Lineare oligophosphaalkane. XXVI. Funktionalisierte primäre Phosphane in der Clustersynthese – metallassistierte Fragmentierung von $Ph_2P\text{-}CH_2\text{-}PH_2$ *[Univ.-GH Wuppertal, Fachbereich 9, Anorg. Chem., Wuppertal, Germany; Ruhr Univ. Bochum, Fac. Chem., Dept. Analyt. Chem., Bochum, Germany]*

Vol. 452 pp. 63–73 (1993)
JANIAK, C., The role of agostic H → Zr interactions in the insertion of olefins with metallocene catalysts. An MO study *[BASF AG, Zentralbereich Kunststofflab. Polyolefine, Ludwigshafen, Germany]*

Vol. 452 pp. 75–78 (1993)
BÖHME, U., THIELE, K.-H., Synthese und Eigenschaften eines Zirconacyclobutan-Derivatives *[TH Merseburg, Inst. Anorgan. Chem., Merseburg, Germany]*

Vol. 452 pp. 79–86 (1993)
KRÜGER, C., LUTZ, F., NOLTE, M., ERKER, G., AULBACH, M., Torsional isomerism of bent metallocene complexes. The structures of *meso*- and *rac*-bis(1-cyclohexyltetrahydroindenyl)zirconium dichloride in the solid state *[Univ. Münster, Inst. Organ. Chem., Münster, Germany; Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 452 pp. 87–90 (1993)
NIKONOV, G.I., PUTALA, M., ZININ, A.I., KAZENNOVA, N.B., LEMENOVSKII, D.A., BATSANOV, A.S., STRUCHKOV, YU.T., Synthesis and structure of η^1-N-diphenyldiazomethane complexes of niobo- and tantalocene monohydrides *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 452 pp. 91–96 (1993)
CARRIEDO, G.A., CARRIEDO, C., CRESPO, C., GOMEZ, P., Synthesis of new neutral and cationic monocarbonyl complexes of manganese with bipyridine ligands *[Univ. Oviedo, Inst. Quim. Organomet. Enrique Moles, Dept. Quim. Organ. & Inorgan., Oviedo, Spain; Univ. Valladolid, Fac. Ciencias, Dept. Quim. Inorgan., Valladolid, Spain]*

Vol. 452 pp. 97–103 (1993)
CULLEN, W.R., RETTIG, S.J., ZHENG, T.C., Crystal and molecular structures of $Os_3(CO)_9[\mu_3\text{-}(C_5H_4PR)Fe(C_5H_4)]$ (R = Fc or Ph), two molecules with Fe → Os bonds *[Univ. British Columbia, Dept. Chem., Vancouver, BC, Canada]*

Vol. 452 pp. 105–109 (1993)
SATO, M., ASANO, H., AKABORI, S., Novel dimeric structure in the Pd^{II} complex of 1,10-dithia[2](2,6)pyridino[2](1,1')ferrocenophane. A connected metal-metal interaction *[Saitama Univ., Ctr. Chem. Anal., Urawa, Saitama, Japan; Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

Vol. 452 pp. 111–113 (1993)
FORT, Y., CAUBERE, P., GAUTIER, J.C., MONDET, J.C., Synthesis in the ferrocenyl series. I. Preparation of ω-haloalkanoyl-ferrocenes *[Univ. Nancy 1, Fac. Sci., CNRS, URA 457, Chim. Organ. Lab. 1, Vandoeuvre Nancy, France; Ctr. Rech. Bouchet, SNPE, Vert le Petit, France]*

Vol. 452 pp. 115–120 (1993)
YUAN, Z., STRINGER, G., JOBE, I.R., KRELLER, D., SCOTT, K., KOCH, L., TAYLOR, N.J., MARDER, T.B., Synthesis and characterization of ferrocenyl and bis(ferrocenyl) alkynes and polyynes: crystal structure of 1,4-bis(ferrocenyl)butadiyne and third order nonlinear optical properties of 1,8-bis(ferrocenyl)-octatetrayne *[Univ. Waterloo, Dept. Chem., Waterloo, ONT, Canada]*

Vol. 452 pp. 121–142 (1993)
ADAMS, C.J., BRUCE, M.I., SKELTON, B.W., WHITE, A.H., Cluster chemistry. LXXXVIII. Reactions between $Ru_5(\mu_5\text{-}C_2PPh_2)(\mu\text{-}PPh_2)(CO)_{13}$ and thiols. Formation and X-ray structures of Ru_5 clusters containing C_2H, C_2PPh_2 and $CCH(PPh_2)$ ligands *[Univ. Adelaide, Dept. Chem., Jordan Labs, Adelaide, SA, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 452 pp. 143–149 (1993)
SHIU, K.-B., PENG, S.-M., CHENG, M.-C., Structural characterization and comparison of $[Ru_2(O_2CR)_2(CO)_4L_2]$ *[Natl. Cheng Kung Univ., Dept. Chem., Tainan, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 452 pp. 151–160 (1993)
CHURCHILL, M.R., LAKE, C.H., LASHEWYCZ-RUBYCZ, R.A., YAO, H.R., MCCARGAR, R.D., KEISTER, J.B., Structural studies on ruthenium carbonyl hydrides. XVIII. Synthesis and characterization of $(\mu\text{-}H)Ru_3(\mu_3\text{-}\eta^3\text{-}XCCRCR')(CO)_{9-n}(PPh_3)_n$ complexes. Crystal-structures of $(\mu\text{-}H)Ru_3(\mu_3\text{-}\eta^3\text{-}Et_2NCCHCMe)(CO)_8(PPh_3)$... *[SUNY, Dept. Chem., Buffalo, NY, USA]*

Vol. 452 pp. 161–165 (1993)
HILAL, H.S., JONDI, W., KHALAF, S., ABU-HALAWA, R., Olefin hydrogenation and isomerization catalyzed by $Ru_3(CO)_{12}$ and its derivatives. Cluster *vs.* non-cluster catalysis *[An Najah North Univ., Dept. Chem., Nablus, Israel]*

Vol. 452 pp. 167–173 (1993)
HILAL, H.S., KHALAF, S., JONDI, W., Cluster *versus* non-cluster catalysis in olefin thermal isomerization and hydrosilylation in the presence of $Ru_3(CO)_{12}$ *[An Najah North Univ., Dept. Chem., Nablus, Israel]*

Vol. 452 pp. 175–179 (1993)
BAILEY, P.J., BLAKE, A.J., DYSON, P.J., JOHNSON, B.F.G., LEWIS, J., PARISINI, E., The synthesis, characterization and molecular structures of two mixed metal octahedral carbido clusters, $Ru_5RhC(CO)_{14}(\eta^5\text{-}C_5Me_5)$ and $Ru_5RhC(CO)_9(\eta^5\text{-}C_5Me_5)(\eta^5\text{-}C_5H_5)_2$ *[Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland; Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 452 pp. 181–184 (1993)
ANG, H.-G., KOH, C.H., KOH, L.L., KWIK, W.L., Synthesis, and ^{19}F NMR and X-ray structural studies of triosmium clusters $(\mu\text{-}H)Os_3(CO)_{10}L[ON(CF_3)_2]$ (L = PPh_3, $AsPh_3$ and $SbPh_3$) *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore]*

Vol. 452 pp. 185–192 (1993)
MORENO, C., MACAZAGA, M.J., MARCOS, M.L., GONZÁLEZ-VELASCO, J., DELGADO, S., $[Co_4CO)_{12}]$ derivatives with bis(diphenylphosphino)amine, an electrochemical study *[Univ. Autonoma Madrid, Dept. Quim., Madrid, Spain]*

Vol. 452 pp. 193–195 (1993)
WADEPOHL, H., GALM, W., WOLF, A., Synthesis and fluxionality of the mixed metal *syn*-(μ-cycloheptatriene) complex $[CpCo(C_7H_8)RhCp)$ *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 452 pp. 197–203 (1993)
LIVOTTO, F.S., VARGAS, M.D., GREPIONI, F., BRAGA, D., Synthesis and structural characterization of the mixed-metal species $[Co_2Ir_2(CO)_{10}(\eta^4\text{-cod})]$ and $[CoIr_3(CO)_{10}(\eta^4\text{-cod})]$ (cod = 1,5-cyclooctadiene) *[Univ. Estadual Campinas, Inst. Quim., Campinas, SP, Brazil; Univ. Bologna, Dipartimento Chim. G. Ciamician, Bologna, Italy]*

Vol. 452 pp. 205–218 (1993)
BROWNING, J., BUSHNELL, G.W., DIXON, K.R., HILTS, R.W., Coordination chemistry of $[CH_2(PPh_2)(P(Y)R_2)]$ and $[CH(PPh_2)(P(Y)R_2)]^-$, Y = S or Se, R = Ph or ^{t}Bu rhodium, iridium and ruthenium complexes; ^{13}C, ^{31}P, and ^{77}Se NMR-studies... *[Univ. Victoria, Dept. Chem., Victoria, BC, Canada]*

Vol. 452 pp. 219–222 (1993)
GUSEV, O.V., DENISOVICH, L.I., PETERLEITNER, M.G., RUBEZHOV, A.Z., USTYNYUK, N.A., MAITLIS, P.M.,

Electrochemical generation of 19- and 20-electron rhodocenium complexes and their properties *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 452 pp. 223–227 (1993)
STEPHAN, C., MUNZ, C., DIECK, H.TOM, The palladium-catalyzed addition of various vinyl compounds to dimethyl acetylene-dicarboxylate *[Univ. Hamburg, Inst. Inorgan. & Appl. Chem., Hamburg, Germany]*

Vol. 452 pp. 229–234 (1993)
ALBÉNIZ, A.C., ESPINET, P., On the requirements of the precursor complex for olefin insertion: reactivity of *cis*- and *trans*-$Pd(C_6F_5)(L)_2^+$ with dienes *[Univ. Valladolid, Fac. Ciencias, Dept. Quim. Inorgan., Valladolid, Spain]*

Vol. 452 pp. 235–240 (1993)
KNAPP, R., REHAHN, M., Palladium-catalyzed arylation of ferrocene derivatives: a convenient high yield route to 1,1'-bis(halophenyl)ferrocenes *[Univ. Karlsruhe, Inst. Polymer, Karlsruhe, Germany]*

Vol. 452 pp. 241–246 (1993)
FORNIÉS, J., NAVARRO, R., URRIOLABEITIA, E.P., Mono- and polynuclear complexes of palladium(II) and platinum(II) with $HC(PPh_2)_3$ *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain]*

Vol. 452 pp. 247–250 (1993)
KIM, Y.-J., OSAKADA, K., YAMAMOTO, A., Preparation and properties of alkylpalladium(II) and -platinum(II) alkynyl complexes *[Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Yokohama, Kanagawa, Japan]*

Vol. 452 pp. 251–255 (1993)
BURROWS, A.D., GOSDEN, A.A., HILL, C.M., MINGOS, D.M.P., Synthesis and structure of a gold-capped palladium *triangulo*-cluster compound containing an azide ligand *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England; Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 452 pp. 257–261 (1993)
MINGHETTI, G., PILO, M.I., SANNA, G., SEEBER, R., STOCCORO, S., LASCHI, F., Electrochemical and spectroelectrochemical study of cyclometallated platinum derivatives with nitrogen ligands. Electrogeneration of monomeric reduced platinum species *[Univ. Sassari, Dipartimento Chim., Sassari, Italy; Univ. Siena, Dipartimento Chim., Siena, Italy]*

Vol. 452 pp. 263–270 (1993)
REGER, D.L., DING, Y., GARZA, D.G., LEBIODA, L., Influence of the size of the phosphine ligand on primary-secondary alkyl isomerization equilibria with $(Me_2NCS_2)Pt(PR_3)(alkyl)$ complexes *[Univ. South Carolina, Dept. Chem., Columbia, SC, USA]*

Vol. 452 pp. 271–275 (1993)
SONG, L., TROGLER, W.C., Bis(benzyldi-2-pyridylamine)-η^2,η'^2-(*s-trans*-isoprene)dicopper(I) bistrifluoromethanesulfonate. A stable Cu^I-diene complex *[Univ. Calif. San Diego, Dept. Chem., La Jolla, CA, USA]*

Vol. 452 pp. 277–286 (1993)
NISSEN-SOBOCINSKA, B., JEZOWSKA-TRZEBIATOWSKA, B., Nature of the hydrogen bridge in transition metal complexes. VI. A comparison of the electronic structure of Cu-H-B and Cu-H-Cu bridges *[Polish Acad. Sci., Inst. Low Temp & Struct. Res., Wroclaw, Poland]*

Vol. 452 pp. 287–291 (1993)
BOVIO, B., BURINI, A., PIETRONI, B.R., Reactions of trimeric 1-benzyl-2-gold(I)imidazole leading to Au^I carbene complexes. Crystal structure of (1-benzyl-3-benzoyl-imidazolin-2-yliden)-chlorogold(I) *[Univ. Pavia, Dipartimento Chim. Gen., Pavia, Italy; Univ. Camerino, Dipartimento Sci. Chim., Camerino, Italy]*

Vol. 452 pp. C1–C3 (1993)
WEHMAN-OOYEVAAR, I.C.M., KAPTEIJN, G.M., GROVE, D.M., SPEK, A.L., VAN KOTEN, G., A novel aryllithium lithium bromide complex containing an anionic pentadentate organylpolyamine system enfolding two lithium centres *[Univ. Utrecht, Debye Inst., Dept. Met. Mediated Synth., Utrecht, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 452 pp. C4–C5 (1993)
PINI, D., SUPERCHI, S., SALVADORI, P., Regioselective *ortho*-alkylation of *N,N*-diethylbenzamides *via* lithiation and copper transmetalation *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., CNR, Ctr. Macromolec. Stereordinate & Otticamente Att., Pisa, Italy]*

Vol. 452 pp. C6–C8 (1993)
UHLIG, W., Zur Synthese des 1,2-Diphenyldecamethyl-cyclohexasilans *[Martin Luther Univ. Halle Wittenberg, Inst. Allgemeine & Anorgan. Chem., Halle, Germany]*

Vol. 452 pp. C9–C10 (1993)
UHLIG, F., HUMMELTENBERG, R., Eine einfache methode zur darstellung von alkalimetall-bis(trimethylsilyl)-phosphiden *[Martin Luther Univ. Halle Wittenberg, Fachbereich Chem., Halle, Germany]*

Vol. 453 pp. 1–5 (1993)
GUTENBERGER, V.P., HABEL, W., NOVER, C., SARTORI, P., Synthese und Charakterisierung sauerstofffreier Poly(borodiphenylcarbosilane) *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany]*

Vol. 453 pp. 7–12 (1993)
OHSHITA, J., SCHMIDBAUR, H., The reaction of hydrogallium(III) dichloride ($HGaCl_2$) with olefines, acetylenes, and α,β-unsaturated ketones *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 453 pp. 13–16 (1993)
LICKISS, P.D., REDHOUSE, A.D., THOMPSON, R.J., STANCZYK, W.A., RÓZGA, K., The crystal structure of $(HOMe_2Si)_2O$ *[Univ. Salford, Dept. Chem. & Appl. Chem., Salford, Lancs, England; Polish Acad. Sci., Ctr. Molec. & Macromolec. Studies, Lodz, Poland]*

Vol. 453 pp. 17–20 (1993)
CUKANOVÁ, D., POLA, J., Efficient laser-induced generation and polymerization of the highly unsaturated compound diethynylsilene in the gas phase *[Acad. Sci. Czech Rep., Inst. Chem. Proc. Fundamentals, Prague, Czech Rep.]*

Vol. 453 pp. 21–28 (1993)
HWU, J.R., WETZEL, J.M., LEE, J.S., BUTCHER, R.J., Comparison of the electronic effect and the steric influence between the 1,1,2,2,2-pentamethyldisilanyl and the trimethylsilyl groups *[Johns Hopkins Univ., Dept. Chem., Baltimore, MD, USA; Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan; Acad. Sinica, Inst. Chem., Taipei, Taiwan; Howard Univ., Dept. Chem., Washington, DC, USA]*

Vol. 453 pp. 29–32 (1993)
BARTIK, T., NAGY, G., KVINTOVICS, P., HAPP, B., Steuerung der

Nickel(0)-katalysierten Hydrosilylierung von Phenylacetylen mit Phosphorliganden *[Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary]*

Vol. 453 pp. 33–45 (1993)
MEIER-BROCKS, F., WEISS, E., Tetraphenylzirkonacyclopentadien-Derivate als Synthone für Tetraphenylthiophenmonoxid und substituierte Germanole *[Univ. Hamburg, Inst. Inorgan. & Appl. Chem., Hamburg, Germany]*

Vol. 453 pp. 47–52 (1993)
MARTÍNEZ, E. GARCÍA, GONZÁLEZ, A.SÁNCHEZ, CASAS, J.S., SORDO, J., VALLE, G., RUSSO, U., Organotin complexes with 1-methyl-2(3H)-imidazolinethione. The crystal structure of dichloro[1-methyl-2(3H)-imidazolinethione]dimethyltin(IV) *[Univ. Santiago de Compostela, Dept. Quim. Inorgan., Santiago, Spain; Univ. Padua, Dipartimento Chim. Organ., CNR, Ctr. Studio Biopolimeri, Padua, Italy; Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy]*

Vol. 453 pp. 53–59 (1993)
DENIFL, P., BILDSTEIN, B., Synthese und Reaktivität von Diferrocenyl-thio-, -seleno- und -telluro-keton *[Innsbruck Univ., Inst. Anorgan. & Analyt. Chem., Innsbruck, Austria]*

Vol. 453 pp. 61–64 (1993)
SUN, C.D., WEI, G.C., JIN, Z.S., CHEN, W.Q., Synthesis and crystal structure of $[(Me_4C_2Cp_2SmCl{\cdot}MgCl_2{\cdot}3THF)THF]_2$ *[Acad. Sinica, Changchun Inst. Appl. Chem., Changchun, P.R. China]*

Vol. 453 pp. 65–70 (1993)
BARTMANN, A., DIEMERT, K., KUCHEN, W., Reactions of coordinated ligands. VII. Preparation of $(CO)_5MR(H)PP(Cl)RM(CO)_5$ (M = Cr, Mo, W; R = Ph, NEt_2) by dehydrohalogenation of $(CO)_5MPRHCl$, and some of their reactions leading to complexes with bridging diphosphine ligands *[Univ. Düsseldorf, Inst. Anorgan. Chem. & Strukturchem., Düsseldorf, Germany]*

Vol. 453 pp. 71–75 (1993)
ANILLO, A., OBESO-ROSETE, R., LANFRANCHI, M., TIRIPICCHIO, A., Syntheses of 1,2-diamidobenzene complexes of molybdenum. Crystal structure of the complex *cis*-dicarbonyl 1,2-diamidobenzenebis(triphenylphosphine)molybdenum $[Mo\{(NH)_2C_6H_4\}(CO)_2(PPh_3)_2]$ *[Univ. Oviedo, Fac. Quim., Dept. Quim. Organomet., Oviedo, Spain; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist. Diffrattometr., Parma, Italy]*

Vol. 453 pp. 77–84 (1993)
EL-OUATIB, R., BALLIVET-TKATCHENKO, D., ETEMAD-MOGHADAM, G., KOENIG, M., Metallation reactions of diphosphiranes: new access to σ- and π-diphosphaallyl complexes *[Univ. Toulouse 3, CNRS, URA 454, Toulouse, France; CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France]*

Vol. 453 pp. 85–95 (1993)
FRIEDRICH, H.B., MOSS, J.R., Haloalkyl complexes of the transition metals. VIII. The synthesis and properties of $[CpW(CO)_3CH_2X]$ (X = OCH_3, Cl, Br, I) and their reactivity with neutral donor ligands *[Univ. Cape Town, Dept. Chem., Rondebosch, South Africa]*

Vol. 453 pp. 97–103 (1993)
SHYU, S.-G., HSU, J.-Y., WEN, Y.-S., Synthesis, structure and fluxional behavior of phosphido-bridged complex $CpW(CO)_2(\mu\text{-}PPh_2)Cr(CO)_5$ *[Acad. Sinica, Inst. Chem., Taipei, Taiwan]*

Vol. 453 pp. 105–109 (1993)
SONG, L.-C., WANG, J.-Q., ZHAO, W.-J., HU, Q.-M., FANG, Y.-Q., ZHANG, S.-J., WANG, R.-J., WANG, H.-G., Synthesis and characterization of homo- and heterobimetallic complexes $[\eta^5\text{-}RC_5H_4W(CO)_2]_2$ (W = W) and $\eta^5\text{-}RC_5H_4(CO)_3WCo(CO)_4$ (W-Co). X-ray molecular structure of $[\eta^5\text{-}EtO_2CC_5H_4W(CO)_2]_2$ *[Nankai Univ., Dept. Chem., Tianjin, P.R. China; Nankai Univ., Cent. Lab., Tianjin, P.R. China]*

Vol. 453 pp. 111–115 (1993)
ALEXANDER, I.J., HALES, N.J., STEPHENSON, G.R., Transition metal mediated asymmetric synthesis. XIV. A new strategy for the reactivation of tricarbonyliron complexes *[Univ. East Anglia, Sch. Chem. Sci., Norwich, Norfolk, England; ICI PLC, Div. Pharmaceut, Macclesfield, Cheshire, England]*

Vol. 453 pp. 117–120 (1993)
OSBORNE, A.G., PAIN, H.M., HURSTHOUSE, M.B., MAZID, M.A., The synthesis and crystal structure of 1,2,3-tri(phenylphosphano)-[3]ferrocenophane *[Univ. Exeter, Dept. Chem., Exeter, Devon, England; Univ. Wales, Coll. Cardiff, Sch. Chem. & Appl. Chem., Cardiff, South Glam, Wales]*

Vol. 453 pp. 121–125 (1993)
POSTNOV, V.N., KLIMOVA, E.I., MARTINEZ GARCIA, M., MELESHONKOVA, N.N., Fragmentation reactions of 1,3,5-triferrocenyl-4-(1-ferrocenylvinyl)-, 1-aryl-4-(1-arylvinyl)-3,5-diferrocenyl-, and 3,5-diaryl-1-ferrocenyl-4-(1-ferrocenylvinyl)cyclohexenes *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 453 pp. 127–131 (1993)
WANG, M.H., ENGLERT, U., KÖLLE, U., Cp*Ru(DMSO)$_2$Cl und Cp*Ru(TMEDA)Cl. Synthese und Molekülstruktur zweier Cp*Ru-Komplexe mit harten σ-Donatorliganden *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 453 pp. 133–138 (1993)
SHIU, K.-B., PENG, S.-M., CHENG, M.-C., Structural characterization of $[Ru_3(CO)_{10}\{\mu_1\text{-}\eta^2\text{-}cis\text{-}1,2\text{-}bis(diphenylphosphino)ethene\}]$ *[Natl. Cheng Kung Univ., Dept. Chem., Tainan, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 453 pp. 139–146 (1993)
PFEFFER, M., SUTTER-BEYDOUN, N., DE CIAN, A., FISCHER, J., Palladation and subsequent functionalization at the second *peri* position of 1-substituted naphthyl groups *[Univ. Strasbourg 1, CNRS, URA 416, Synth. Metalloinduites Lab., Strasbourg, France; Univ. Strasbourg 1, CNRS, URA 424, Cristallochim. & Chim. Struct. Lab., Strasbourg, France]*

Vol. 453 pp. 147–154 (1993)
BOSQUE, R., GRANELL, J., SALES, J.Q., FONT-BARDÍA, M., SOLANS, X., Reactivity of cyclometallated compounds of N-benzylideneamines. Synthesis and X-ray crystal structure of $[Pd\{1\text{-}CH_2\text{-}2\text{-}(CH{=}N\text{-}C_6H_5)\text{-}3,5\text{-}(CH_3)_2C_6H_2\}(2,4\text{-}Me_2C_5H_3N)]ClO_4$ *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Barcelona, Dept. Cristallog. Mineral & Diposits Minerals, Barcelona, Spain]*

Vol. 453 pp. 155–158 (1993)
KOLLÁR, L., KÉGL, T., BAKOS, J., Platinum-catalyzed enantioselective hydroformylation of styrene. Platinum-diphosphine-tin(II)fluoride catalytic system: a novel asymmetric hydroformylation catalyst *[Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary]*

Vol. 453 pp. 159–162 (1993)
KOLLÁR, L., SKODA-FÖLDES, R., MAHÓ, S., TUBA, Z., Functionalization of the estrone skeleton via homogeneous coupling and hydroformylation reactions *[Univ. Veszprém, Dept.*

Organ. Chem., Veszprém, Hungary; Gedeon Richter Chem. Works Ltd., Budapest, Hungary]

Vol. 453 pp. 163–170 (1993)
SCRETTAS, C.G., STEELE, B.R., Activated alkyl- and allyl-alkali metal reagents: Contrasting behaviour towards ethylene *[Natl. Hellen Res. Fdn, Inst. Organ. Chem., Athens, Greece]*

Vol. 453 pp. 171–174 (1993)
SIZOVA, T.V., YASHINA, N.S., PETROSYAN, V.S., YATSENKO, A.V., CHERNYSHEV, V.V., ASLANOV, L.A., X-Ray structure investigation of trimethyltin α-phenyl-α-oxoacetate *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 453 pp. 175–184 (1993)
KAKKONEN, H.J., PURSIAINEN, J., PAKKANEN, T.A., AHLGRÉN, M., IISKOLA, E., $TiCl_4$ diester complexes: relationships between the crystal structures and properties of Ziegler-Natta catalysts *[Neste Oy Chem., Porvoo, Finland; Univ. Joensuu, Dept. Chem., Joensuu, Finland]*

Vol. 453 pp. 185–191 (1993)
SCHMID, G., THEWALT, U., TROYANOV, S.I., MACH, K., Preparation and crystal structure of (η^5-pentabenzyl-cyclopentadienyl)- and (η^5-cyclopentadienyl)-titanium(III) bis(tetrachloroaluminate) complexes *[Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany; Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Acad. Sci. Czech Rep., J. Heyrovsky Inst. Phys. Chem. & Electrochem., Prague, Czech Rep.]*

Vol. 453 pp. 193–195 (1993)
TODRES, Z.V., IONINA, E.A., η^6-chromiumtricarbonyl complexes of stilbene and 4,4'-dimethoxystilbene: slipping off the ligands enables *cis-trans* isomerization *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 453 pp. 197–199 (1993)
TODRES, Z.V., IONINA, E.A., The chromiumtricarbonyl group as an electron acceptor in η^6-complexes of stilbene and its derivatives *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 453 pp. 201–206 (1993)
SHIU, K.-B., LIOU, K.-S., YU, W., CHENG, M.-C., LEE, G.-H., Coordination characteristics of three N,N'-di(azol-1-yl)methanes; substituent effects on infrared absorption and structure of the group VI metal carbonyl derivatives *[Natl. Cheng Kung Univ., Dept. Chem., Tainan, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 453 pp. 207–210 (1993)
CARMICHAEL, D., AL-RESAYES, S.I., NIXON, J.F., η^1,η^2-hetero-bimetallic phospha-alkyne complexes. Synthesis and NMR-spectra of [Pt(dppe)(^{t}BuCP)M(CO)$_5$] (M=Cr, Mo, W) *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 453 pp. 211–219 (1993)
SHIU, K.-B., LEE, J.Y., WANG, Y., CHENG, M.-C., WANG, S.-L., LIAO, F.-L., Structures and properties of molybdenum carbonyl complexes containing uninegative nitrogen-tripod ligands derived from heterocyclic compounds including 1-H-pyrazole and 1-H-1,2,4-triazole *[Natl. Cheng Kung Univ., Dept. Chem., Tainan, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan; Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan]*

Vol. 453 pp. 221–229 (1993)
LIN, J.T., YEH, A.C., TSAI, T.Y.R., WEN, Y.-S., Synthesis, structure, and reactivity of $HMo_2(CO)_9(NO)$ *[Acad. Sinica, Inst. Chem., Taipei, Taiwan; Chung Yuan Christian Univ., Dept. Chem., Chung-Li, Taiwan]*

Vol. 453 pp. 231–240 (1993)
CALHORDA, M.J., CARRONDO, M.A.A.F.DE C.T., DIAS, A.R., FÉLIX, V., GALVAO, A.M., GARCIA, M.H., MATIAS, P.M., BRITO, M.J.VILLA DE, Synthesis, characterization and bonding of fulvalene dimolybdenum(III) and ditungsten(III) cations with one thiolate bridging ligand... *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Ctr. Tecnol. Quim. & Biol., Oeiras, Portugal; Inst. Super Tecn., Lisbon, Portugal; Univ. Lisbon, Fac. Ciencias, Lisbon, Portugal]*

Vol. 453 pp. 241–247 (1993)
DIAS, A.R., GARCIA, M.H., ROBALO, M.P., GREEN, M.L.H., LAI, K.K., PULHAM, A.J., KLUEBER, S.M., BALAVOINE, G., Organometallic compounds for non-linear optics: synthesis, reactivity and electrochemistry of chiral η^5-monocyclopentadienyl(nitrile) iron complexes *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Univ. Lisbon, Fac. Ciencias, Lisbon, Portugal; Univ. Evora, Evora, Portugal; Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; , Orsay, France]*

Vol. 453 pp. 249–253 (1993)
MEISTER, G., STOECKLI-EVANS, H., SÜSS-FINK, G., Einschlußverbindungen von Aromatruthenium-Komplexen mit Cyclodextrinen *[Univ. Neuchâtel, Inst. Chim., Neuchâtel, Switzerland]*

Vol. 453 pp. 255–261 (1993)
HÖRNIG, A., ENGLERT, U., KOELLE, U., Reactions of $[(\eta^5\text{-}C_5Me_5)Ru(OMe)]_2$. XIV. Hydrolysis products: synthesis and molecular structure of $[(\eta^5\text{-}C_5Me_4Et)RuOH]_4$ *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 453 pp. 263–267 (1993)
LU, K.-L., CHEN, C.-C., LIN, Y.-W., HONG, F.-E., GAU, H.-M., GAN, L.-L., LUOH, H.-D., Facile route for the synthesis of triosmium and triruthenium isocyanide complexes *[Acad. Sinica, Inst. Chem., Taipei, Taiwan; Natl. Chung-Hsing Univ., Dept. Chem., Taichung, Taiwan; Chung Cheng Inst. Technol., Dept. Appl. Chem., Tahsi, Taiwan]*

Vol. 453 pp. 269–272 (1993)
KUNKELY, H., VOGLER, A., Photolysis of methylcobalamin. Nature of the reactive excited state *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany]*

Vol. 453 pp. 273–278 (1993)
KOLEHMAINEN, E., LAIHIA, K., RYBINSKAYA, M.I., KAGANOVICH, V.S., KERZINA, Z.A., Comparative multinuclear magnetic resonance spectroscopic study of transition-metal (Cr, W and Mn) mesitylene tricarbonyls and transition metal (Ru and Co) carbonyl clusters *[Univ. Jyväskylä, Dept. Chem., Jyväskylä, Finland; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 453 pp. 279–281 (1993)
SHAPOSHNIKOVA, A.D., STADNICHENKO, R.A., KAMALOV, G.L., PASYNSKII, A.A., EREMENKO, I.L., NEFEDOV, S.E., STRUCHKOV, YU.T., YANOVSKY, A.I., Transformation of μ_3-acetylide cluster $CO_2(CO)_6[\mu\text{-}PhC{\equiv}CRe(CO)_5]$ into carbyne cluster $Co_2Re(CO)_{10}(\mu_3\text{-}CPh)$ *[A.V. Bogatskii Inst. Phys. & Chem., Odessa, Ukraine; Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 453 pp. 283–288 (1993)
PRADELLA, F., REHOREK, D., SCOPONI, M., SOSTERO, S., TRAVERSO, O., Matrix and solution photochemistry of $[C_5(CH_3)_5Rh(Co)_2]$ *[Univ. Ferrara, Dipartimento Chim., CNR, Ctr. Studio Fotoreattivita & Catalisi, Ferrara, Italy]*

Vol. 453 pp. 289–293 (1993)
LINDNER, E., WANG, Q.Y., MAYER, H.A., FAWZI, R., STEIMANN, M., Das Verhalten des Bis(chelat)rhodium-Komplexes $[Rh(PO)_2][BPh_4]$ gegenüber H_2, O_2 und CH_3I *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

Vol. 453 pp. 295–298 (1993)
BRÄUNLICH, G., WALTHER, D., EIBISCH, H., SCHÖNECKER, B., CO_2 als Synthesebaustein: Seitenkettenaufbau von Steroid-17β-pentensäuren via oxidative Kopplung von CO_2 mit einem Steroiddien an Nickel(0)-Verbindungen *[Friedrich Schiller Univ., Inst. Anorgan. & Analyt. Chem., Jena, Germany; Friedrich Schiller Univ., Inst. Organ. & Makromolek Chem., Jena, Germany]*

Vol. 453 pp. 299–306 (1993)
APPLETON, T.G., HALL, J.R., KENNARD, C.H.L., MATHIESON, M.T., NEALE, D.W., SMITH, G., MAK, T.C.W., Formation of $Pt(CH_3)(CF_3)$ (diolefin) from $Pt(CH_3)_2$(diolefin) and CF_3I (diolefin = NBD, norbornadiene, or COD, 1,5-cyclooctadiene). The crystal structures of (η^4-norbornadiene)(methyl)(trifluoromethyl)-platinum(II)... *[Univ. Queensland, Dept. Chem., Brisbane, QLD, Australia; Queensland Dept. Primary Ind., Sch. Chem., Brisbane, QLD, Australia; Chinese Univ. Hong-Kong, Dept. Chem., Sha-tin, Hong-Kong]*

Vol. 453 pp. 307–316 (1993)
APPLETON, T.G., HALL, J.R., MATHIESON, M.T., NEALE, D.W., Displacement of norbornadiene (NBD) from the mixed alkyl compound, $Pt(CH_3)(CF_3)$(NBD) by various ligands and the insertion of difluorocarbene into a Pt–CH_3 bond promoted by the addition of iodide ion to $Pt(CH_3)(CF_3)$(NBD) *[Univ. Queensland, Dept. Chem., Brisbane, QLD, Australia]*

Vol. 453 pp. C1–C3 (1993)
FOUQUET, E., JOUSSEAUME, B., MAILLARD, B., PEREYRE, M., A convenient synthesis of functionalized allyltrihalostannanes *[Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France]*

Vol. 453 pp. C4–C6 (1993)
BELLOMO, S., CECCON, A., GAMBARO, A., SANTI, S., VENZO, A., A stable dicarbonyl(cycloocta-1,5-diene)-(η^1-indenyl)iridium intermediate in the substitution reaction of cycloocta-1,5-diene(η^5-indenyl)iridium with carbon monoxide *[Univ. Padua, Dipartimento Chim. Fis., Padua, Italy; CNR, Ctr. Studio Stati Molecolari Radicalici & Eccitati, Padua, Italy]*

Vol. 453 pp. C11–C12 (1993)
PLUTA, C., PÖRSCHKE, K.-R., The reaction of $Sn[CH(SiMe_3)_2]_2$ with ethyne: formation of $(HC\equiv C)Sn[CH(SiMe_3)_2]_2$($\mu$-*trans*-$CH=CH)Sn[CH(SiMe_3)_2]_2(CH=CH_2)$ *[Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 453 pp. C13–C15 (1993)
BRUMAS, B., DAHAN, F., DE MONTAUZON, D., POILBLANC, R., Transition-metal derivatives of the cyclopentadienylphosphine ligands. IX. molecular structure of $[Mo_2(\mu\text{-}C_5H_4PPh_2)_2(CO)_4]$ and first account of its redox properties *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 453 pp. C16–C18 (1993)
MÜLLER, C., BARTSCH, R., FISCHER, A., JONES, P.G., Triphospha-ferrocenes as ligands. Crystal structures of $[Fe(\eta^5\text{-}C_5Me_5)(\eta^5\text{-}C_2{}^tBu_2P_3)Ru_3(CO)_{11}]$ and the novel cluster complex $[Fe(\eta^5\text{-}C_5Me_5)(\eta^5\text{-}C_2{}^tBu_2P_3)Ru_3(CO)_9]$ involving side-on and end-on coordination *[Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany]*

Vol. 453 pp. C19–C22 (1993)
GROSSHENNY, V., ZIESSEL, R., Novel ditopic terpyridine and phenylterpyridine ligands bridged by one or two ethynyl bonds: syntheses of rigid rod-like multinuclear complexes *[Ecole Europeenne Hautes Etud. Ind. Chim., Inst. Phys. & Chim. Mat. Strasbourg, Strasbourg, France]*

Vol. 453 pp. C23–C29 (1993)
SERNAU, V., HUTTNER, G., FRITZ, M., ZSOLNAI, L., WALTER, O., Paramagnetische 17-Electronen-[Tripod-Cobalt-Allyl)$^+$-komplexe; Synthese, Struktur und katalytische Anwendung *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 453 pp. C30–C31 (1993)
DEMIRHAN, F., IRISLI, S., SALEK, S.N., SENTÜRK, O.S., WENT, M.J., JEFFERY, J.C., Co-ordination of copper and silver by $[Co_2\{\mu\text{-}C_2(CH_2SCH_2CH_2)_2S\}(CO)_6]$ *[Univ. Kent, Chem. Lab., Canterbury, Kent, England; Univ. Bristol, Dept. Inorgan. Chem., Bristol, Avon, England]*

Vol. 454 pp. 1–3 (1993)
BELETSKAYA, I.P., VOSKOBOYNIKOV, A.Z., CHUKLANOVA, E.B., GUSEV, A.I., KISIN, A.V., Metalcarbonylates of lanthanides. Unexpected formation of the trinuclear cluster $[Na(DME)_3]_2[W_3(CO)_{14}]$ *[State Sci. Res. Inst. Chem. Technol. Organoelement Cpds, Moscow, Russia; Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 454 pp. 5–7 (1993)
LEWINSKI, J., ZACHARA, J., MANK, B., PASYNKIEWICZ, S., Synthesis and molecular structure of $AlMe[O=C(OMe)C_6H_4\text{-}o\text{-}O]_2$. The first structurally characterized five-coordinated simple alkylaluminum chelate complex *[Warsaw Univ. Technol., Dept. Chem., Warsaw, Poland]*

Vol. 454 pp. 9–13 (1993)
UHL, W., VESTER, A., KAIM, W., POPPE, J., Dialan-Radikalanionen $[R_2Al\text{-}AlR_2]^-$ *[Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany; Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

Vol. 454 pp. 15–23 (1993)
CSONKA, G.I., HENCSEI, P., AM1 and PM3 semiempirical molecular-orbital study of silatranes. III. 1-chlorosilatrane *[Tech. Univ. Budapest, Dept. Inorgan. Chem., Budapest, Hungary]*

Vol. 454 pp. 25–34 (1993)
HISSINK, D., VAN HUTTEN, P.F., HADZIOANNOU, G., VAN BOLHUIS, F., Synthesis and crystal structure of *para*-substituted diphenylsilanes of interest for nonlinear optics; sulfonyl acceptor groups *[Univ. Groningen, Dept. Polymer Chem., Groningen, Netherlands; Univ. Groningen, Ctr. Crystal Struct., Groningen, Netherlands]*

Vol. 454 pp. 35–43 (1993)
WEIDENBRUCH, M., PIEL, H., LESCH, A., PETERS, K., VON SCHNERING, H.G., Siliciumverbindungen mit starken intramolekularen sterischen Wechselwirkungen. L. Reaktionen von Silylenen und Disilenen mit 2,2'-Bipyridyl, Pyridin-2-aldiminen und α-Ketoiminen: Cycloadditionen *versus* C-H-Insertion *[Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany; Max Planck Inst. Festkörperforsch., Stuttgart, Germany]*

Vol. 454 pp. 45–50 (1993)
MARCINIEC, B., MACIEJEWSKI, H., Catalysis of hydrosilylation. XXIII. Effect of substituents at silicon on unusual hydrosilylation of vinylsilanes catalyzed by nickel acetylacetonate *[Adam Mickiewicz Univ. Poznan, Fac. Chem., Poznan, Poland]*

Vol. 454 pp. 51–58 (1993)
KANJ, A., MEUNIER, P., GAUTHERON, B., DUBAC, J., DARAN, J.-C., An easy route to 1-germaindenes via a transmetallation zirconium-germanium reaction *[Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France; Univ. Paul Sabatier, CNRS, UA 477, Chim. Organominéraux Lab., Toulouse, France; Univ. Paris 06, CNRS, URA 419, Chim. Mét. Transit. Lab., Paris, France]*

Vol. 454 pp. 59–66 (1993)
PETTINARI, C., MARCHETTI, F., CINGOLANI, A., LEONESI, D., GIOIA LOBBIA, G., LORENZOTTI, A., Tin(IV) and organotin(IV) complexes with heterocyclic β-diketonates. I. Bis-[4(1-phenyl-3-methylpyrazol-5-one)]-dioxoalkane derivatives *[Univ. Camerino, Dipartimento Sci. Chim., Camerino, Italy]*

Vol. 454 pp. 67–71 (1993)
TEO, S.-B., TEOH, S.-G., OKECHUKWU, R.C., FUN, H.-K., A complex salt formed in reactions of $^{n}BuSnCl_3$ with 1-(2-methyl-2,3-dihydrobenzothiazol-2-yl)-2-ketones *[Univ. Sains Malaysia, Sch. Chem. Sci., George Town, Malaysia; Univ. Sains Malaysia, Sch. Phys., X-ray Crystallogr. Lab., George Town, Malaysia]*

Vol. 454 pp. 73–77 (1993)
TEOH, S.-G., TEO, S.-B., YEAP, G.-Y., FUN, H.-K., SMITH, P.-J., The structures of the adducts formed from organotin moieties and 1-[(4-methoxyphenylimino)methyl]-2-naphthol. Crystal structure of chloro-trimethyl[1-[(4-methoxyphenylimino)methyl]-2-naphthol]tin(IV): $Me_3SnCl{\cdot}[HOC_{10}H_6CH{:}NC_6H_4OCH_3]$ *[Int. Tin Res. Inst., Uxbridge, Middx, England; Univ. Sains Malaysia, Sch. Chem. Sci., George Town, Malaysia; Univ. Sains Malaysia, Sch. Phys., X-ray Crystallogr. Lab., George Town, Malaysia]*

Vol. 454 pp. 79–85 (1993)
SCHUBERT, U., GILBERT, S., KNORR, M., Übergangsmetall-Silyl-Komplexe. XLVII. Deprotonierung der elektronenreichen Hydrido-Silyl-Komplexe $Fe(CO)_2(dppe)(H)(SiR_3)$ und $Fe(CO)(dppe)H_3(SiR_3)$; Darstellung der Komplexe $Fe(CO)_2(dppe)(EMe_3)(SiR_3)$ und $Fe(CO)(dppe)H_2(EMe_3)(SiR_3)$ *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 454 pp. 87–94 (1993)
BRUNNER, H., FÜRST, J., ZIEGLER, J., Enantioselektive Katalyse. LXXXI. Optisch aktive Zweischalenphosphine *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany]*

Vol. 454 pp. 95–100 (1993)
TILLACK, A., MICHALIK, M., FENSKE, D., GOESMANN, H., Asymmetrische Katalyse. III. Synthese, spektroskopische Untersuchungen und katalytische Wirkung eines neuen chiralen Phosphanliganden *[Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany; Univ. Rostock, Inst. Organ. Katalyseforsch., Rostock, Germany; Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany]*

Vol. 454 pp. 101–103 (1993)
ZHANG, L.-J., HUANG, Y.-Z., On tertiary stibine. I. Reaction of ω-bromoacetophenone with aldehydes mediated by diphenylantimonyorganometallic reagents *[Chinese Acad. Sci., Shanghai Inst. Organ. Chem., Organomet. Chem. Lab., Shanghai, P.R. China]*

Vol. 454 pp. 105–111 (1993)
CUENCA, T., GÓMEZ, R., GÓMEZ-SAL, P., ROYO, P., Synthesis and characterization of ansa-dimethylsilylbiscyclopentadienyl titanium(II) complexes. Crystal structure of $[Ti\{Me_2Si(C_5H_4)_2\}\{CN(2,6\text{-}Me_2C_6H_3)\}_2]$ *[Univ. Alcalá de Henares, Dept. Quím. Inorgan., Alcalá de Henares, Spain]*

Vol. 454 pp. 113–116 (1993)
ERKER, G., KOREK, U., RHEINGOLD, A.L., Preparation and structure of bis(η^5-methylcyclopentadienyl)titanaindane *[Univ. Münster, Inst. Organ. Chem., Münster, Germany; Univ. Delaware, Dept. Chem., Newark, DE, USA]*

Vol. 454 pp. 117–122 (1993)
BRUNNER, H., GEHART, G., MEIER, W., WACHTER, J., NUBER, B., Von $Cp^*_2Nb(\eta^2\text{-}S_2)H$ zu $Cp^*_3Nb_3S_{12}$: Reaktivitätsstudien an Niobocensulfiden *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany; Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 454 pp. 123–131 (1993)
LEMENOVSKII, D.A., PUTALA, M., NIKONOV, G.I., KAZENNOVA, N.B., YUFIT, D.S., STRUCHKOV, YU.T., New metallocene complexes of Nb and Ta with functionalized diazoalkanes *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 454 pp. 133–149 (1993)
FISCHER, H., ROTH, G., REINDL, D., TROLL, C., α-Addition von Aminen, Iminen und Hydrazinen an Allenyliden-Komplexe – Bildung von Carben-, Azetidinyliden- und Nitril-Komplexen *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 454 pp. 151–155 (1993)
RAU, D., BEHRENS, U., Dimethylenecyclobuten als Komplexligand. Synthese und Struktur von Tricarbonyl(η^6-diisopropylidenecyclobuten)chrom und Bis(η^2-dimethylenecyclobuten)(η^5-indenyl)rhodium *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 454 pp. 157–163 (1993)
BABU, R.P.K., KRISHNAMURTHY, S.S., NETHAJI, M., Organometallic chemistry of diphosphazanes. VIII. Synthesis, spectroscopic studies and crystal structure of *fac*-$[Mo(CO)_3(MeCN)\{Ph_2PN(^iPr)P(Ph)(DMP)\}]$, and its reactions with tertiary phosphines *[Indian Inst. Sci., Dept. Inorgan. & Phys. Chem., Bangalore, Karnataka, India]*

Vol. 454 pp. 165–172 (1993)
ALT, H.G., HAN, J.S., ROGERS, R.D., Photoinduzierte Desalkylierungsreaktionen an Indenyl- und Fluorenyl-funktionalisierten Cyclopentadienyltricarbonyl-Methylkomplexen des Molybdän und Wolframs. Molekülstrukturen $(\eta^5{:}\eta^1\text{-}C_5H_4CMe_2C_9H_6)Mo(CO)_3$, $(\eta^5{:}\eta^1\text{-}C_5H$ *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany; North Illinois Univ., Dept. Chem., De Kalb, IL, USA]*

Vol. 454 pp. 173–181 (1993)
CHEN, J.-D., WU, C.-K., WU, I.-Y., HUANG, B.-C., LIN, Y.-C., WANG, Y., Syntheses and reactions of metal carbonyl complexes containing the trimethylsilylmethyl ligand; Co insertion reactions assisted by the trimethylsilylmethyl groups *[Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 454 pp. 183–198 (1993)
PITTER, S., HUTTNER, G., WALTER, O., ZSOLNAI, L., Synthese und Struktur zweikerniger Cyclopentadienyltricarbonylmangan-Komplexe vom Typ $(CO)_3Mn[(\eta^5\text{-}C_5H_4)\text{-}X\text{-}(\eta^5\text{-}C_5H_4)]Mn(CO)_3$ *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 454 pp. 199–204 (1993)
KREITER, C.G., LEHR, K., Photochemische Reaktionen von Übergangsmetall-Organyl-Komplexen mit Olefinen. VII. Photoreaktionen von Tricarbonyl-η^5-dienyl-mangan-Komplexen mit 6,6-Dimethylfulven *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany]*

Vol. 454 pp. 205–209 (1993)
LOW, P.M.N., YAN, Y.-K., CHAN, H.S.O., HOR, T.S.A., Substituted metal carbonyls. XXII. Synthesis of 1,1'-bis(diphenylphosphino)ferrocene-bridged complexes with two heterometallic Au–M (M=Mn and Re) bonds *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore]*

Vol. 454 pp. 211–216 (1993)
WANG, Y., DA SILVA, J.J.R.FRAÚSTO, POMBEIRO, A.J.L., PELLINGHELLI, M.A., TIRIPICCHIO, A., Synthesis of the pseudohalide-dinitrogen complexes *trans*-$[ReX(N_2)(Ph_2PCH_2CH_2PPh_2)_2]$ (X=NCS, NCO or N_3) and crystal structures of the isothiocyanate and azide complexes *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy]*

Vol. 454 pp. 217–219 (1993)
FIELD, L.D., GEORGE, A.V., The use of high reaction pressures in the synthesis of acetylide complexes of iron *[Univ. Sydney, Dept. Chem., Sydney, NSW, Australia]*

Vol. 454 pp. 221–228 (1993)
ZHANG, Z.-Z., XI, H.-P., ZHAO, W.-J., JIANG, K.-Y., WANG, R.-J., WANG, H.-G., WU, Y., Studies on binuclear complexes. Synthesis and catalytic behavior of Fe-M complexes (M=Mo, Ni, Rh, Cu, Hg) using *trans*-$Fe(Ph_2Ppy)_2(CO)_3$ [Ph_2Ppy=2-(diphenylphosphino)pyridine] as a neutral tridentate ligand... *[Nankai Univ., Elementoorgan. Chem. Lab., Tianjin, P.R. China; Nankai Univ., Dept. Chem., Tianjin, P.R. China; Nankai Univ., Cent. Lab., Tianjin, P.R. China; Inst. Microchem., Beijing, P.R. China]*

Vol. 454 pp. 229–236 (1993)
PASYNSKII, A.A., KOLOBKOV, B.I., NEFEDOV, S.E., EREMENKO, I.L., KOLTUN, E.S., YANOVSKY, A.I., STRUCHKOV, YU.T., Synthesis and molecular-structures of $S_2Fe_2(CO)_6$ heterometallic derivatives, containing $(Ph_3P)_2Pt$ or CpRe(CO) fragments *[Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 454 pp. 237–241 (1993)
GHOSH, P., PRAMANIK, A., BAG, N., LAHIRI, G.K., CHAKRAVORTY, A., Paramagnetic organometallics formed by *o*-metallation of phenolic Schiff bases by ruthenium(III) *[Indian Assoc Cultivat. Sci., Dept. Inorgan. Chem., Calcutta, West Bengal, India]*

Vol. 454 pp. 243–246 (1993)
SCHLÜNKEN, C., WERNER, H., Stabile Allyl(hydrido)osmium-Komplexe ohne Olefin- und Arenliganden *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 454 pp. 247–255 (1993)
WERNER, H., BRAUERS, G., NÜRNBERG, O., Reaktionen der Aren(carbonyl)ruthenium-Komplexe $[C_6Me_6Ru(CO)Cl_2]$ und $[(Mes)Ru(CO)Cl_2]$ mit Alkyl- und Allyl-Grignardreagenzen. Die Kristall- und Molekülstruktur von {[η^5-$C_6Me_6(CH_2CH=CH_2)$]-Ru(*exo*-η^3-C_3H_5)(CO)} *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 454 pp. 257–261 (1993)
HERRMANN, W.A., EDER, S.J., SCHERER, W., Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen. CXVI. Tetrakis(2-methylpropyl)-oxoosmium(VI), ein thermisch stabiles, sterisch überladenes d^2-Alkylmetalloxid mit β-ständigem Wasserstoff *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 454 pp. 263–271 (1993)
KRAUSE, J.A., SIRIWARDANE, U., SALUPO, T.A., WERMER, J.R., KNOEPPEL, D.W., SHORE, S.G., Preparation of $[Os_3(CO)_{11}]^{2-}$ and its reactions with $Os_3(CO)_{12}$; structures of $[Et_4N][HOs_3(CO)_{11}]$ and $H_2Os_4(CO)_{13}$ *[Ohio State Univ., Dept. Chem., Columbus, OH, USA]*

Vol. 454 pp. 273–280 (1993)
YANG, K., BOTT, S.G., RICHMOND, M.G., Bidentate ligand substitution in $PhCCo_3(CO)_9$. Synthesis, molecular structure, and redox reactivity of $PhCCo_3(CO)_7$(*cis*-$Ph_2PCH=CHPPh_2$) *[Univ. North Texas, Dept. Chem., Ctr. Organomet. Res. & Educ., Denton, TX, USA]*

Vol. 454 pp. 281–289 (1993)
ZHANG, Z., OJIMA, I., Syntheses of nitrogen heterocycles by means of amine-directed carbonylation and hydrocarbonylation *[SUNY, Dept. Chem., Stony Brook, NY, USA]*

Vol. 454 pp. C1–C4 (1993)
VARGA, V., MACH, K., SCHMID, G., THEWALT, U., A titanium-magnesium complex containing perpendicularly bridging bis(trimethyl-silyl)acetylene ligands: $[(\eta^5\text{-}C_5H_5)Ti][(\eta^5\text{-}C_5H_5)Mg][\mu\text{-}\eta^2\text{:}\eta^2\text{-}C_2(SiMe_3)_2]_2$ *[Acad. Sci. Czech Rep., J. Heyrovsky Inst. Phys. Chem. & Electrochem., Prague, Czech Rep.; Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany]*

Vol. 454 pp. C5–C7 (1993)
METZLER, N., NÖTH, H., Formation of $[cp_2Zr(C\equiv C\text{-}SiMe_3)]_2$ from the reaction of zirconocene with trimethylsilylacetylene *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 454 pp. C8–C10 (1993)
DA SILVA, J.J.R.FRAÚSTO, PELLINGHELLI, M.A., POMBEIRO, A.J.L., RICHARDS, R.L., TIRIPICCHIO, A., WANG, Y., Aminocarbyne coupling reactions leading to the bis(amino)-acetylene complexes *trans*-$[MF(\eta^2\text{-}MeHNC\equiv CNHMe)(Ph_2PCH_2CH_2PPh_2)_2][BF_4]$ (M=Mo or W) and cleavage of the acetylenic triple bond... the *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy; Univ. Sussex, AFRC, Inst. Plant Sci. Res., Nitrogen Fixat. Lab., Brighton, East Sussex, England]*

Vol. 454 pp. C11–C12 (1993)
FU, S.L., CARVER, J.A., KANE-MAGUIRE, L.A.P., The use of $[(C_6H_7)Fe(CO)_3]^+$ as a recoverable protecting group in peptide synthesis *[Univ. Wollongong, Dept. Chem., Wollongong, NSW, Australia]*

Vol. 454 pp. C13–C16 (1993)
MASUDA, K., OHKITA, H., KURUMATANI, S., ITOH, K., Regiospecific Cp^*Ru^+ mediated codimerization of conjugated dienes with non-conjugated 1,5-dienes and its application to catalytic cooligomerization *[Toyohashi Univ. Technol., Dept. Mat. Sci., Toyohashi, Aichi, Japan]*

Vol. 454 pp. C17–C19 (1993)
FREDIANI, P., SALVINI, A., BIANCHI, M., PIACENTI, F., A ruthenium dihydrogen complex as intermediate in the synthesis of [RuH(CO)2(MeCO2)(P^{n}Bu3)2] from (Ru(H)2(Co)2(Pnbu3)2)

[Univ. Florence, Dept. Organ. Chem., Florence, Italy]

Vol. 454 pp. C20-C25 (1993)
GODDARD, R., KRÜGER, C., MYNOTT, R., NEUMANN, M., WILKE, G., Übergangsmetallallyle. VII. Synthese von η^3-Allylnickel- und η^3-Allylpalladiumkomplexen mit Trifluoroacetgruppen als Brückenliganden *[Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 455 pp. 1-27 (1993)
DZHEMILEV, U.M., KUNAKOVA, R.V., Metal complex catalysis in the synthesis of organic sulfur compounds *[Russian Acad. Sci., Inst. Organ. Chem., Dept. Ural, Ufa, Russia]*

Vol. 455 pp. 29-35 (1993)
LAMBERT, C., HAMPEL, F., VON RAGUÉ SCHLEYER, P., X-ray diffraction studies of polymeric lithiobenzotriazole DMSO and lithiotetrazole DMSO: from β-sheet to wash-board structures *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Anorgan. Chem., Erlangen, Germany]*

Vol. 455 pp. 37-46 (1993)
CHAVANT, P.Y., VAULTIER, M., Preparation of some organo-bis(diisopropylamino)boranes and their application to the synthesis of oxazaborolidines *[Univ. Rennes 1, Physicochim. Struct. Lab., Rennes, France]*

Vol. 455 pp. 47-49 (1993)
BECKETT, M.A., GILMORE, R.J., IDREES, K., Protodeboronation of arylboronic acids and triarylboroxines in Bu_2O/THF *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales]*

Vol. 455 pp. 51-55 (1993)
KLINGEBIEL, U., LÜTTKE, W., NOLTEMEYER, M., Mono-, Bis-, Tris- und Tetrakis(indol-1-yl)silane *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany; Univ. Göttingen, Inst. Organ. Chem., Göttingen, Germany]*

Vol. 455 pp. 57-60 (1993)
AL-JUAID, S.S., AL-NASR, A.A.K., EABORN, C., HITCHCOCK, P.B., The crystal structure of the organosilicon *p*-toluenesulfonate $(Me_3Si)_3CSiPh(H)(OSO_2C_6H_4Me\text{-}p)$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 455 pp. 61-68 (1993)
ISHIKAWA, M., WATANABE, K., SAKAMOTO, H., KUNAI, A., Silicon-carbon unsaturated compounds. XLIV. Photochemical behavior of permethylated *p*-(disilanylene)phenylene oligomers *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan]*

Vol. 455 pp. 69-76 (1993)
CORRIU, R.J.P., DOUGLAS, W.E., YANG, Z.-X., KARAKUS, Y., CROSS, G.H., BLOOR, D., Preparation of diphenylsilylene polymers containing main-chain acetylene and (hetero)aromatic groups: χ^2 non-linear optical and other properties *[Univ. Montpellier 2, Dept. Chim. Organ. Fine, RP, CNRS, UM 44, Montpellier, France; Univ. Durham, Dept. Phys., Durham, England]*

Vol. 455 pp. 77-81 (1993)
KUNAI, A., YUZURIHA, Y., NAKA, A., ISHIKAWA, M., Silicon-carbon unsaturated compounds. XLVI. Nickel-catalyzed reaction of 2-tolyl- and 2-phenyl-2-(phenylethynyl) hexamethyltrisilanes in the presence of 2,3-dimethylbutadiene and dicyclopentadiene *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan]*

Vol. 455 pp. 83-87 (1993)
REUTER, H., SCHRÖDER, D., Synthese, Kristallstruktur und Reaktionen des Isopropylzinntriisopropoxids, $^iPrSn(O^iPr)_3$ *[Univ. Bonn, Inst. Anorgan. Chem., Bonn, Germany]*

Vol. 455 pp. 89-92 (1993)
CHAUVIN, Y., HEYWORTH, S., OLIVIER, H., ROBERT, F., SAUSSINE, L., Synthesis and structural determination of a neodymium(III) complex derived from 9-(cyclopentadienyl-1-methylethyl)-9,10-dihydroanthracene *[Inst. Francais Petr., Rueil Malmaison, France; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 455 pp. 93-97 (1993)
WU, Z.Z., XU, Z.N., YOU, X.Z., WANG, H.-Q., ZHOU, X.G., SHENG, F.R., HU, J.P., Synthesis and X-ray crystal structure of the cyclopentadienyl nitrito complex of ytterbium(III), $(C_5H_5)_2Yb(NO_2)\cdot THF$ *[Nanjing Univ., Inst. Coordinat. Chem., Nanjing, P.R. China; Nanjing Univ., Natl. Key Lab. Coordinat. Chem., Nanjing, Japan; Anhui Normal Univ., Inst. Organ. Chem., Wuhu, P.R. China]*

Vol. 455 pp. 99-106 (1993)
COLLETTI, S.L., HALTERMAN, R.L., Bis(binaphthylcyclopentadienyl)-derived metallocene peroxide complexes: catalysts for the enantioselective epoxidation of unfunctionalized alkenes *[Univ. Oklahoma, Dept. Chem. & Biochem., Norman, OK, USA]*

Vol. 455 pp. 107-113 (1993)
HADLEY, F.J., GILBERT, T.M., ROGERS, R.D., Crystal structures of $(\eta^6\text{-}C_7H_8)M(CO)_3$ (M=Cr, W). Comparisons among a homologous series of cycloheptatriene complexes and experimental evidence for a boat conformation of the coordinated ring *[North Illinois Univ., Dept. Chem., De Kalb, IL, USA]*

Vol. 455 pp. 115-120 (1993)
SHI, Y.M., CHENG, G.B., LU, S.W., GUO, H.F., WU, Q.J., HUANG, X.Y., HU, N.H., The cleavage reaction of the Mo-Mo triple bond. The crystal structures of molybdenum complexes $[CpMo(CO)_2(C_5H_4NS)]$, $[CpMo(CO)_2(C_9H_6NS)]\cdot O{=}PPh_3$ and $CpMo(CO)_2(S_2CNMe_2)]$ *[Chinese Acad. Sci., Dalian Inst. Chem. Phys., Dalian, P.R. China; State Key Lab. Struct. Chem., Fuzhou, P.R. China; Chinese Acad. Sci., Fujian Inst. Res. Struct. Matter, Fuzhou, P.R. China; Acad. Sinica, Changchun Inst. Appl. Chem., Changchun, P.R. China]*

Vol. 455 pp. 121-127 (1993)
MIGUEL, D., PÉREZ-MARTÍNEZ, J.A., RIERA, V., GARCÍA-GRANDA, S., Seven-coordinate molybdenum-tin and tungsten-tin complexes containing phosphites and tetramethylthiourea: X-ray structure of $[Mo(CO)_2\{P(OMe)_3\}_3(SnBuCl_2)Cl]$ *[Univ. Oviedo, Fac. Quim., Dept. Quim. Organomet., Oviedo, Spain; Univ. Oviedo, Fac. Quim., Dept. Quim. Fis. & Analit., Oviedo, Spain]*

Vol. 455 pp. 129-135 (1993)
FILIPPOU, A.C., DIAS, A.R., MARTINS, A.M., ROMAO, C.C., Isocyanide derivatives of tungstenocene *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Ctr. Tecnol. Quim. & Biol., Oeiras, Portugal; Inst. Super Tecn., Oeiras, Portugal]*

Vol. 455 pp. 137-141 (1993)
JOACHIM, J.E., APOSTOLIDIS, C., KANELLAKOPULOS, B., MAIER, R., MEYER, D., REBIZANT, J., ZIEGLER, M.L., Metallorganische Chemie des Technetiums. X. Synthese, Charakterisierung und Röntgenstrukturanalyse von μ-Distickstoff-bis[hydrotris(3,5-dimethylpyrazolyl)-borato-technetium-dicarbonyl], $[L^*Tc(CO)_2]_2(\mu\text{-}N_2)$ *[Kernforschungszentrum Karlsruhe Gmbh, Inst. Heisse Chem., Karlsruhe, Germany; Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany;*

Commiss. European Communities, Joint Res. Ctr., Inst. Transuranium Elements, Karlsruhe, Germany]

Vol. 455 pp. 143–156 (1993)
O'Connor, J.M., Uhrhammer, R., Chadha, R.K., Tsuie, B., Rheingold, A.L., Reactivity studies on bimetallic μ-malonyl complexes: cleavage and alkylation chemistry of the malonyl ligand *[Univ. Calif. San Diego, Dept. Chem., La Jolla, CA, USA; Univ. Delaware, Dept. Chem., Newark, DE, USA]*

Vol. 455 pp. 157–166 (1993)
Brown, D.A., Fitzpatrick, N.J., Glass, W.K., Ahmed, H.A., Cunningham, D., McArdle, P., Reactions of some group 15 ligands with $[(\eta^5\text{-indenyl})Fe(CO)_3]BF_4$ *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland; Univ. Garyounis, Dept. Chem., Benghazi, Libya; Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 455 pp. 167–175 (1993)
Ambrosi, L., Bassetti, M., Buttiglieri, P., Mannina, L., Monti, D., Bocelli, G., Synthesis and structure of acylcarbonylindenyl(phosphine) iron(II) complexes. Analysis of ligand effects in an indenyl system *[Univ. Roma La Sapienza, Dipartimento Chim., CNR, Ctr. Studio Meccanismi Reaz., Rome, Italy; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy]*

Vol. 455 pp. 177–184 (1993)
Delgado, E., Hernández, E., Rossell, O., Seco, M., Puebla, E.G., Ruiz, C., A comparative study of the use of triethylammonium salts of the $[Fe_2(CO)_6(\mu\text{-}CO)(\mu\text{-}SR)]^-$ anion in the synthesis of iron-gold clusters. Crystal structures of $[Fe_2(CO)_6(\mu\text{-}CO)(\mu\text{-}S^iPr)(\mu\text{-}AuPPh_3)]$ and $[Fe_2(CO)(PPh_3)(\mu\text{-}SEt)$ *[Univ. Autonoma Madrid, Fac. Ciencias, Dept. Quim. Inorgan., Madrid, Spain; Univ. Autonoma Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Complutense, CSIC, Inst. Ciencia Mat., Madrid, Spain]*

Vol. 455 pp. 185–192 (1993)
Salem, G., Shaw, G.B., Willis, A.C., Wild, S.B., Reactions of coordinated phosphines and arsines. Stereoselective reactions at the fluoroarsine-As sterocentre in the complex $[(R),(R,R)]\text{-}(\pm)\text{-}[(\eta^5\text{-}C_5H_5)\{1,2\text{-}C_6H_4(PMePh)_2\}Fe(AsFMePh)]PF_6\cdot CH_2Cl_2$ *[Australian Natl. Univ., Inst. Adv. Studies, Res. Sch. Chem., Canberra, ACT, Australia]*

Vol. 455 pp. 193–196 (1993)
Hoke, J.B., Hollis, L.S., Stern, E.W., Catalytic asymmetric hydrogenation of β-ketoesters using new BINAP complexes of ruthenium *[Engelhard Corp., Iselin, NJ, USA]*

Vol. 455 pp. 197–202 (1993)
Watanabe, M., Iwamoto, T., Sano, H., Motoyama, I., ^1H NMR spectroscopic studies of anion and solvent effects on mixed-valence iodobiruthenocenium(II, IV) salts *[Univ. Tokyo, Coll. Arts & Sci., Dept. Chem., Tokyo, Japan; Tokyo Metropolitan Univ., Fac. Sci., Dept. Chem., Hachioji, Tokyo, Japan; Kanagawa Univ., Fac. Engn., Dept. Chem., Yokohama, Kanagawa, Japan]*

Vol. 455 pp. 203–210 (1993)
Gelling, A., Went, M.J., Povey, D.C., Chelation of group 6 metal tetracarbonyl fragments by dicobalt thioalkyne complexes *[Univ. Kent, Chem. Lab., Canterbury, Kent, England; Univ. Surrey, Dept. Chem., Guildford, Surrey, England]*

Vol. 455 pp. 211–217 (1993)
Song, S.H., Tang, J.S., Kajitani, M., Shimizu, K., Osteryoung, R.A., Electrode processes of (η^5-cyclopentadienyl)(1,2-substituted 1,2-ethylenedithiolato)cobalt(III) complexes in an ambient temperature molten salt *[North Carolina State Univ., Dept. Chem., Raleigh, NC, USA; Sophia Univ., Fac. Sci. & Technol., Dept. Chem., Tokyo, Japan]*

Vol. 455 pp. 219–224 (1993)
Baig, T., Molinier, J., Kalck, P., Carbon monoxide as a building block in organic synthesis. IV. Direct preparation of amines from alkenes by aminomethylation catalyzed by dinuclear rhodium complexes *[Ecole Natl. Super Chim. Toulouse, Chim. Proc. Lab., Toulouse, France]*

Vol. 455 pp. 225–233 (1993)
Ciriano, M.A., Peréz-Torrente, J.J., Lahoz, F.J., Oro, L.A., Chemical evidence of polynuclear intermediates in a ligand redistribution equilibrium between dinuclear rhodium complexes. X-ray structure of $[Rh_2(\mu\text{-bzta})_2(CO)_3(PPh_3)]$ (bzta = benzothiazole-2-thiolate) *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain]*

Vol. 455 pp. 235–240 (1993)
Darkwa, J., Bothata, F., Koczon, L.M., Synthesis and characterization of cyclopentadienylnickel(II) thiolates. Crystal structure of $[(\eta^5\text{-}C_5H_5)Ni(SC_6H_5)(PPh_3)]$ *[Univ. Botswana & Swaziland, Dept. Chem., Gaborone, Botswana; North State Univ., Dept. Math. & Nat. Sci., Aberdeen, SD, USA]*

Vol. 455 pp. 241–246 (1993)
Sieler, J., Kempe, R., Wache, S., Taube, R., Komplexkatalyse. XLI. Die Kristallstruktur des η^3,η^2-octa-2(*E*),7-dien-1-yl-(triphenylphosphin)nickel(II)-tetrafluoroborats, ein Beitrag zur Klärung der Koordinationsverhältnisse in der allylnickelkomplex-katalysierten Butadienpolymeris *[TH Merseburg, Inst. Anorgan. Chem., Merseburg, Germany; Univ. Leipzig, Inst. Anorgan. Chem., Leipzig, Germany]*

Vol. 455 pp. 247–253 (1993)
Drent, E., Arnoldy, P., Budzelaar, P.H.M., Efficient palladium catalysts for the carbonylation of alkynes *[Amsterdam Shell Res. BV, Koninklijke Shell Lab., Amsterdam, Netherlands]*

Vol. 455 pp. 255–260 (1993)
Mori, M., Kaneta, N., Isono, N., Shibasaki, M., Utilization of $Me_3SiSnBu_3$ in organic synthesis. I. Generation of a stannyl anion from $Me_3SiSnBu_3$ and R_4NX *[Hokkaido Univ., Fac. Pharmacol. Sci., Sapporo, Hokkaido, Japan; Univ. Tokyo, Fac. Pharmacol. Sci., Tokyo, Japan]*

Vol. 455 pp. 261–270 (1993)
Tchougreeff, A.L., Gulevich, Yu.V., Misurkin, I.A., Beletskaya, I.P., A model for CO insertion in transition metal complexes *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Russian Acad. Sci., L.V. Karpov Phys. Chem. Res. Inst., Moscow, Russia]*

Vol. 455 pp. 271–281 (1993)
Forniés, J., Lalinde, E., Martínez, F., Moreno, M.T., Welch, A.J., Synthesis of anionic pentafluorophenyl platinum-silver acetylide complexes. Molecular structures of $(NBu_4)[Pt(C_6F_5)_2(\mu\text{-}C{\equiv}CPh)_2Ag(PPh_3)]$ and $(NBu_4)_2[\{Pt(C_6F_5)_2(\mu\text{-}C{\equiv}CPh)_2Ag\}_2(\mu\text{-dppe})]$ *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Organ., Zaragoza, Spain; Univ. La Rioja, Logrono, Spain; Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland]*

Vol. 455 pp. 283–289 (1993)
Canty, A.J., Colton, R., Thomas, I.M., Electrospray mass spectrometry of inert and labile metal alkyl compounds: a study of methyl and dimethyl derivatives of gold(III), indium(III) and thallium(III) *[La Trobe Univ., Dept. Chem., Bundoora, VIC, Australia; Univ. Tasmania, Dept. Chem., Hobart, TAS, Australia]*

Vol. 455 pp. C1–C2 (1993)
MARDONES, M.A., COWLEY, A.H., CONTRERAS, L., JONES, R.A., CARRANO, C.J., Monomeric arsinoboranes. The question of arsenic–boron π-bonding *[Univ. Texas, Dept. Chem. & Biochem., Austin, TX, USA; South-West Texas State Univ., Dept. Chem., San Marcos, TX, USA]*

Vol. 455 pp. C3–C5 (1993)
STUDLEY, J.R., WILLS, M., Studies of the zinc(II) catalyzed addition of silyl enol ethers to cyclic enol ethers *[Univ. Bath, Sch. Chem., Bath, Avon, England]*

Vol. 455 pp. C6–C8 (1993)
MASHIMA, K., YAMANAKA, Y., GOHRO, Y., NAKAMURA, A., Synthesis and reaction of (η^5-pentamethylcyclopentadienyl) bis(allyl)tantalum(III) complexes; crystal structure of Ta(η^5-C_5Me_5)(η^3-1-phenylallyl)$_2$ *[Osaka Univ., Fac. Sci., Dept. Macromolec. Sci., Toyonaka, Osaka, Japan]*

Vol. 455 pp. C9–C9 (1993)
BARINOV, I.V., CHERTKOV, V.A., REUTOV, O.A., The formation of the metal-stabilized carbocation from an ammonium ion *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 455 pp. C10–C12 (1993)
LAHUERTA, P., PERIS, E., UBEDA, M.A., GARCÍA-GRANDA, S., GÓMEZ-BELTRÁN, F., DÍAZ, M.R., Reversible electrophilic Rh–C bond cleavage in metallated dirhodium(II) compounds by carboxylic-acids. Crystal-structure of a new variety of rhodium(II) complex *[Univ. Valencia, Fac. Quim., Dept. Quim. Inorgan., Burjassot, Spain; Univ. Oviedo, Fac. Quim., Dept. Quim. Fis. & Analit., Oviedo, Spain]*

Vol. 455 pp. C13–C16 (1993)
BERGAMINI, P., COSTA, E., SOSTERO, S., GANTER, C., HOGG, J., ORPEN, A.G., PRINGLE, P.G., The reactions of Me_3SiCHN_2 with [PtX_2(*S,S*-skewphos)]: highly diastereoselective carbene insertions into Pt–Cl bonds, and Me_3SiCHN_2 as a CH_2N_2 equivalent *[Univ. Ferrara, Dipartimento Chim., CNR, Ctr. Studio Fotoreattivita & Catalisi, Ferrara, Italy; Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 456 pp. 1–5 (1993)
GÓRALSKI, P., LEGOFF, D., CHABANEL, M., Mixed aggregates between acetylenic lithium compounds and lithium thiocyanate in non-aqueous solutions *[Fac. Sci. Nantes, Spectrochim. Ions Lab., Nantes, France; Univ. Lodz, Phys. Chem. Lab., Lodz, Poland]*

Vol. 456 pp. 7–12 (1993)
FRÖHLICH, H.-O., WYRWA, R., GÖRLS, H., Beiträge zur Chemie organometallischer metallacyclischer Nebengruppenmetallverbindungen. VIII. Synthese und Eigenschaften von Li_2Pd-($CH_2(CH_2)_2CH_2)_2(D)_x$ – Molekülstruktur von [$Li(THF)_2]_2Pd$-($CH_2(CH_2)_2CH_2)_2$ *[Friedrich Schiller Univ., Inst. Anorgan. & Analyt. Chem., Jena, Germany; Friedrich Schiller Univ., Max Planck Ges., Jena, Germany]*

Vol. 456 pp. 13–17 (1993)
HOFFMANN, D., HAMPEL, F., VON RAGUÉ SCHLEYER, P., Fluorenylrubidium·*N,N,N',N'',N''*-pentamethyldiethylenetriamine: a square-wave-like polymeric chain in the solid state *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Organ. Chem., Erlangen, Germany]*

Vol. 456 pp. 19–24 (1993)
BÜRGER, H., HAGEN, T., PAWELKE, G., Alkylation of dimethylaminobis(trifluoromethyl)borane by 1-alkenes *[Univ.-GH Wuppertal, Fachbereich 9, Anorg. Chem., Wuppertal, Germany]*

Vol. 456 pp. 25–30 (1993)
CERNY, Z., MACHÁCEK, J., FUSEK, J., KRIZ, O., CÁSENSKY, B., TUCK, D.G., ^{71}Ga NMR studies of mixtures of gallium trichloride and trimethylgallium *[Univ. Windsor, Dept. Chem. & Biochem., Windsor, ONT, Canada; Acad. Sci. Czech Rep., Inst. Inorgan. Chem., Rez, Czech Rep.]*

Vol. 456 pp. 31–34 (1993)
SIMPSON, K.M., GEDRIDGE, R.W. (JR.), HIGA, K.T., Synthesis and characterization of new monomeric dialkylindium amides *[USN, Ctr. Air Warfare, Div. Weapons, Res. Dept., Div. Chem., China Lake, CA, USA]*

Vol. 456 pp. 35–39 (1993)
CORRIU, R.J.P., DOUGLAS, W.E., YANG, Z.-X., Preparation of oligomers containing tetraphenylsilole, acetylene and aromatic groups in the main chain, and incorporation of iron carbonyl *[Univ. Montpellier 2, Dept. Chim. Organ. Fine, RP, CNRS, UM 44, Montpellier, France]*

Vol. 456 pp. 41–44 (1993)
KLINGEBIEL, U., LÜTTKE, W., NOLTEMEYER, M., SCHMIDT, H.-G., 1,3-Bis(silyl)indole – Synthese und Kristallstruktur *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany; Univ. Göttingen, Inst. Organ. Chem., Göttingen, Germany]*

Vol. 456 pp. 45–47 (1993)
KAKIUCHI, F., TANAKA, Y., CHATANI, N., MURAI, S., Completely selective synthesis of (E)-β-(triethylsilyl)styrenes by $Fe_3(CO)_{12}$-catalyzed reaction of styrenes with triethylsilane *[Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

Vol. 456 pp. 49–55 (1993)
BLASCHETTE, A., HAMANN, T., MICHALIDES, A., JONES, P.G., Polysulfonylamine. XLIII. Trimethylgermanium(IV)- und Trimethylblei(IV)-dimesylamid: Synthese und Festkörperstrukturen *[Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany]*

Vol. 456 pp. 57–60 (1993)
EDLUND, U., ARSHADI, M., JOHNELS, D., Direct NMR spectroscopic evidence for solvated triorganostannyl cations *[Umeå Univ., Dept. Organ. Chem., Umeå, Sweden]*

Vol. 456 pp. 61–70 (1993)
CASSIDY, J.M., WHITMIRE, K.H., KOOK, A.M., Solution dynamics of tin and lead iron carbonyl compounds and the solid state structure of [$Et_4N]_2$[Sn{$Fe_2(CO)_8$}{$Fe(CO)_4$}$_2$] *[Rice Univ., Dept. Chem., Houston, TX, USA]*

Vol. 456 pp. 71–75 (1993)
BRUNNER, H., FISCH, K., Asymmetrische Katalysen. LXXXII. Enantioselektive Hydrierung von 4-Oxoisophoron *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany]*

Vol. 456 pp. 77–83 (1993)
SCHUMANN, H., GLANZ, M., WINTERFELD, J., HEMLING, H., Metallorganische Verbindungen der Lanthanoide. LXXVI. Cyclooctatetraenyl(tetramethylcyclopentadienyl)-Komplexe der Lanthanoide *[Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 456 pp. 85–88 (1993)
PETZ, W., On the reaction of $Fe(CO)_5$ with $Ti(NMe_2)_4$: Synthesis of $(CO)_4FeC(NMe_2)OTi(NMe_2)\{OC(NMe_2)\}_2Fe(CO)_3$ *[Max Planck Ges., Gmelin Inst. Anorgan. & Metallorgan. Chem., Frankfurt, Germany]*

Vol. 456 pp. 89–95 (1993)
ALT, H.G., HAN, J.S., THEWALT, U., Zirkonocenkomplexe mit einem funktionalisierten Cyclopentadenylliganden. Molekülstruktur von $(\eta^5\text{-}C_5H_5)(\eta^5{:}\eta^2\text{-}C_5H_4CMe_2C_9H_7)Zr(PMe_3)$ *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany; Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany]*

Vol. 456 pp. 97–106 (1993)
KUHN, N., HENKEL, G., KREUTZBERG, J., STUBENRAUCH, S., JANIAK, C., Heterocycles as ligands. XIX. The electronic structure of 1,1'-diazametallocenes and the synthesis and crystal structure of 2,2',5,5'-tetra-tert-butyl-1,1'-diazanickelocene *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany; Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 456 pp. 107–111 (1993)
HOULTON, A., ROBERTS, R.M.G., SILVER, J., ZAKRZEWSKI, J., Mössbauer studies on ferrocene complexes. XVIII. A comparative study of azaferrocenes and phosphaferrocenes and their derivatives by ^{57}Fe Mössbauer and ^{13}C NMR spectroscopy *[Univ. Essex, Dept. Chem. & Biol. Chem., Colchester, Essex, England; Univ. Lodz, Dept. Organ. Chem., Lodz, Poland]*

Vol. 456 pp. 113–129 (1993)
ADAMS, C.J., BRUCE, M.I., SKELTON, B.W., WHITE, A.H., Cluster chemistry. LXXXIX. Oligomerization reactions of allene with $Ru_5(\mu_5\text{-}C_2PPh_2)(\mu\text{-}PPh_2)(CO)_{13}$ *[Univ. Adelaide, Dept. Chem., Jordan Labs, Adelaide, SA, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 456 pp. 131–136 (1993)
TAUBE, R., WACHE, S., SIELER, J., KEMPE, R., Komplexkatalyse. XLII. Die Kristallstruktur des η^3,η^2,η^2-Dodeca-2(*E*),6(*E*),10(*Z*)-trien-1-yl-nickel(II)hexafluorophosphats – ein Beitrag zur Klärung der Katalysatorstructur für die 1,4-*cis*-Polymerisation des Butadiens *[TH Merseburg, Inst. Anorgan. Chem., Merseburg, Germany; Univ. Leipzig, Inst. Anorgan. Chem., Leipzig, Germany]*

Vol. 456 pp. 137–145 (1993)
WACHE, S., TAUBE, R., Komplexkatalyse. XLIII. 2D-^{13}C/^{1}H-, ^{1}H/^{1}H- und hochauflösende ^{1}H-NMR-spektroscopische Charakterisierung des C_{12}-Allylnickel(II)-Kations $[Ni(C_{12}H_{19})^+$, ein Vergleich der Struktur in Lösung und im Festkörper und die *[TH Merseburg, Inst. Anorgan. Chem., Merseburg, Germany]*

Vol. 456 pp. 147–154 (1993)
BARRO, J., GRANELL, J., SAINZ, D., SALES, J., FONT-BARDÍA, M., SOLANS, X., *exo*- and *endo*-cyclopalladated compounds of *N*-benzylideneamines. Synthesis and X-ray structure of $[Pd\{1\text{-}CH_2\text{-}2\text{-}(CH{=}N\text{-}2',4',6'\text{-}Me_3C_6H_2)\text{-}3,5\text{-}Me_2C_6H_2\}Br]_2$ *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Barcelona, Dept. Cristallog. Mineral & Diposits Minerals, Barcelona, Spain]*

Vol. 456 pp. 155–160 (1993)
BURROWS, A.D., HILL, C.M., MINGOS, D.M.P., Synthesis and structure of some palladium(I) cluster compounds containing isocyanide ligands *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England]*

Vol. 456 pp. 161–166 (1993)
JENSEN, J.A., Synthesis and characterization of alkylaluminum imine complexes: the X-ray crystal structure of $[(C_6H_3\text{-}2,6\text{-}(CH_3)_2)CH{=}NAl(i\text{-}C_4H_9)_2]_2$ *[Hercules Inc., Res. Ctr., Wilmington, DE, USA]*

Vol. 456 pp. 167–173 (1993)
KAIM, W., LICHTBLAU, A., HAUSEN, H.-D., Korrelation zwischen Struktur und Elektronentransferverhalten metallorganischer Modellverbindungen für Flavine mit "butterfly"-Konformation *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

Vol. 456 pp. 175–179 (1993)
NG, S.W., DAS, V.G.K., Structural studies on triorganostannates derived from dicarboxylic acids. Crystal structure of tetramethylammonium oxalatotriphenylstannate·bis(triphenyltin) oxalate *[Univ. Malaya, Inst. Adv. Studies, Kuala Lumpur, Malaysia; Univ. Malaya, Dept. Chem., Kuala Lumpur, Malaysia]*

Vol. 456 pp. 181–184 (1993)
NG, S.W., DAS, V.G.K., YIP, W.-H., MAK, T.C.W., Crystal structures of the 1/1 adducts of diphenylcyclopropenone with 3-triphenylstannyloxy-4,5-dimethylisothiazole 1,1-dioxide and 3-triphenylstannyloxybenzisothiazole 1,1-dioxide *[Univ. Malaya, Inst. Adv. Studies, Kuala Lumpur, Malaysia; Chinese Univ. Hong-Kong, Dept. Chem., Sha-tin, Hong-Kong; Univ. Malaya, Dept. Chem., Kuala Lumpur, Malaysia]*

Vol. 456 pp. 185–194 (1993)
QIAO, K., FISCHER, R.D., PAOLUCCI, G., Metal-bridging *vs.* chelating $Me_2Si(C_5H_4)_2$ ligands in dinuclear complexes. III. Mass spectrometry of organo-rare earth (M=Y,Yb) hydrides containing the $Me_2Si(C_5H_4)_2$ ligand, and crystal structure of the new complex... *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany; Univ. Venezia, Dipartimento Chim., Venice, Italy]*

Vol. 456 pp. 195–204 (1993)
NIEMANN, U., DIEBOLD, J., TROLL, C., RIEF, U., BRINTZINGER, H.-H., Zirconocene dipicolinate and related dicarboxylate complexes: coordination geometries and reactivities *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 456 pp. 205–212 (1993)
FISCHER, H., JAEGER, M., Kinetische und mechanistisches Untersuchungen von Übergangsmetall-Komplex-Reaktionen. XXVII. Untersuchungen zur Substituenten-abhängigkeit der *cis/trans*-Cyclopropan-Produktverhältnisse bei der Übertragung von Benzylidenliganden auf Styrole *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 456 pp. 213–220 (1993)
OSHITA, H., MIZOBE, Y., HIDAI, M., Preparation and properties of molybdenum and tungsten dinitrogen complexes. XLI. Silylation and germylation of a coordinated dinitrogen in *cis*-$[M(N_2)_2(PMe_2Ph)_4]$ (M=Mo, W) using R_3ECl/NaI and R_3ECl/Na mixtures (E=Si, Ge)... *[Univ. Tokyo, Fac. Engn., Dept. Synthet. Chem., Tokyo, Japan]*

Vol. 456 pp. 221–228 (1993)
STEPOWSKA, H., ZAMOJSKI, A., Alkylation and aldol reactions of acyl and phosphine ligand in $(\eta^5\text{-}C_5H_5)Fe(CO)(CH_3PPh_2)(COCH_2R)$ *[Polish Acad. Sci., Inst. Organ. Chem., Warsaw, Poland]*

Vol. 456 pp. 229–234 (1993)
ETAIW, S.E.H., IBRAHIM, A.M.A., Polyaniline and its derivatives intercalated in the channels of the 3D-[tris(trimethyl) tin hexacyanoferrate]$_\infty$ *[Tanta Univ., Fac. Sci., Dept. Chem., Tanta, Egypt; Ain Shams Univ., Fac. Sci., Dept. Chem., Cairo, Egypt]*

Vol. 456 pp. 235–238 (1993)
POSTNOV, V.N., GONCHAROV, A.V., HOCKE, I., KRUT'KO, D.P., Ferrocenylsubstituted-α,β-unsaturated ketones in the synthesis of dihydropyrimidinethiones *[Univ. Moscow, Dept. Chem.,*

Moscow, Russia]

Vol. 456 pp. 239–242 (1993)
DONG, T.-Y., LEE, T.-Y., WEN, Y.-S., LEE, S.-H., HSIEH, C.-F., LEE, G.-H., PENG, S.-M., Pronounced effect of interannular trimethylene bridges on the rate of intramolecular electron-transfer in mixed-valence biferrocenium salts. A novel electronic ground state of ferrocenium cations *[Acad. Sinica, Inst. Chem., Nankang, Taiwan; Natl. Chung-Hsing Univ., Dept. Chem., Taichung, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 456 pp. 243–253 (1993)
TAKAHASHI, A., MIZOBE, Y., MATSUZAKA, H., DEV, S., HIDAI, M., Preparation and reactivity of dinuclear Ru^{II} complexes with bridging thiolate ligands $[CP^*Ru(\mu\text{-}Sr)_2RuCp^*]$ ($CP^* = \eta^5\text{-}C_5Me_5$; R = ^{i}Pr, ^{t}Bu, 2,6-$Me_2C_6H_3$). Oxidative addition of alkyl halides at the diruthenium center *[Univ. Tokyo, Fac. Engn., Dept. Synthet. Chem., Tokyo, Japan]*

Vol. 456 pp. 255–262 (1993)
SOUCEK, M.D., CHIOU, H.-S., KYBA, E.P., Linked *bis*(μ-phosphido) and related ligands for metallic clusters. IX. Heterogeneous hydrogenation of 1-octene using phosphido-stabilized di- and triruthenium metal clusters on a silica support. A case for an intact supported cluster as a catalyst *[Univ. Texas, Dept. Chem. & Biochem., Austin, TX, USA]*

Vol. 456 pp. 263–269 (1993)
BEN TALEB, A., JENNER, G., Catalytic reduction of nitrobenzene to aniline with aqueous methyl formate *[Ecole Europeenne Hautes Etud. Ind. Chim., CNRS, URA 46, Piezochim. Organ. Synth. & Stereoreact. Lab., Strasbourg, France]*

Vol. 456 pp. 271–278 (1993)
SU, C.-J., CHUNG, M.-L., GAU, H.-M., WEN, Y.-S., LU, K.-L., Mechanistic study of the reaction of $Os_3(CO)_{10}(CNPr)(NCMe)$ with Brønsted acid *[Acad. Sinica, Inst. Chem., Taipei, Taiwan; Natl. Chung-Hsing Univ., Dept. Chem., Taichung, Taiwan]*

Vol. 456 pp. 279–286 (1993)
LAHUERTA, P., LATORRE, J., PERIS, E., SANAÚ, M., GARCÍA-GRANDA, S., Molecular-structure of the compound $[Rh_2(O_2CCH_3)_3\{(C_6H_4)P(BrC_6H_4\text{-}1,2)(C_6H_5)\}\cdot(HO_2CCH_3)_2]$. Kinetic study of the exchange reaction of acetate groups with CD_3CO_2D *[Univ. Valencia, Fac. Quim., Dept. Quim. Inorgan., Burjassot, Spain; Univ. Oviedo, Fac. Quim., Dept. Quim. Fis. & Analit., Oviedo, Spain]*

Vol. 456 pp. 287–291 (1993)
YAMAMOTO, Y., TANASE, T., YANAI, T., ASANO, T., KOBAYASHI, K., Studies on interactions of isocyanide with transition metal complexes. XXXVI. Spontaneous successive insertion of isocyanide into palladium–carbon σ-bond *[Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan; Riken, Wako, Saitama, Japan]*

Vol. 456 pp. 293–298 (1993)
OLBRICH, F., KOPF, J., WEISS, E., Metallorganische Verbindungen des Kupfers. V. Synthese und Struktur von Komplexen des 3,3,6,6-Tetramethyl-1-thia-4-cycloheptins mit Kupfer(I)-Bromid, -Iodid und -Cyanid *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 456 pp. 299–303 (1993)
OLBRICH, F., SCHMIDT, G., WEISS, E., BEHRENS, U., Metallorganische Verbindungen des Kupfers. IV. Synthese und Struktur von Alkin-Komplexen des Typs [(Alkin)CuR) (R=Cyclopentadienyl, Benzamidinat) *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 456 pp. 305–312 (1993)
VICENTE, J., BERMÚDEZ, M.-D., CARRILLO, M.-P., JONES, P.G., Reactivity of ketonylgold(III) complexes. Crystal structure of SP-4-4-$[Au(2\text{-}C_6H_4N_2Ph)\{CH_2COC_6H_2(OMe)_3\text{-}3,4,5\}Cl(PPh_3)]$ and SP-4-4-$(Au(2\text{-}C_6H_4N_2Ph)(CH_2COMe)Cl(PPh_3))$ *[Univ. Oviedo, Inst. Quim. Organomet. Enrique Moles, Dept. Quim. Organ. & Inorgan., Murcia, Spain; Univ. Murcia, EUP Cartagena, Dept. Quim. Aplicada & Ingn. Met., Ciencia Mat. & Ingn. Met. Grp., Cartagena, Spain; Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany]*

Vol. 456 pp. C1–C3 (1993)
UHLIG, W., Zur funktionalisierung von polydiphenylcarbosilan *[Martin Luther Univ. Halle Wittenberg, Inst. Allgemeine & Anorgan. Chem., Halle, Germany]*

Vol. 456 pp. C4–C7 (1993)
LANG, H., LEISE, M., σ^3,λ^4-Phosphandiyl-Komplexe: 1,3-Dipolare Cycloaddition von Diazomethan an eine Phosphor-Metall-Mehrfachbindung *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 456 pp. C8–C10 (1993)
ROSE-MUNCH, F., KHOURZOM, R., DJUKIC, J.P., ROSE, E., Réactivité des complexes chloro-trifluorométhylbenzène tricarbonylchrome vis-à-vis d'anions non carbonés: amidure et trifluoroéthylate de sodium *[Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France]*

Vol. 456 pp. C11–C14 (1993)
HAHN, F.E., TAMM, M., Carbenkomplexe aus koordinierten 2-Siloxyphenylisocyaniden *[Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 456 pp. C15–C17 (1993)
SCHÜTT, W., HERDTWECK, E., KREIBL, F.R., Cycloaddition von Azidoameisensäuremethylester an die Metall-Kohlenstoff-Doppelbindung in $[Cp(CO)PMe_3W{=}C(Ph)SMe]^+$ *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 456 pp. C18–C20 (1993)
LINDNER, E., HAASE, C., MAYER, H.A., Darstellung und Eigenschaften von und Reaktionen mit metallhaltigen Heterocyclen. LXXXII. Cyclotrimerisierung der P=S-Gruppe mit dem sterisch anspruchsvollen t-Butylpropinoat *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

Vol. 456 pp. C21–C23 (1993)
WÖHRLE, T., THEWALT, U., Ti-Verbindungen mit Fulvalen-brücken: Die Struktur von $[CpTiMe_2]_2(C_{10}H_8)$ *[Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany]*

Vol. 456 pp. C24–C26 (1993)
BROCARD, J., PELINSKI, L., GOETGHELUCK, S., MACIEJEWSKI, L., Stéréochimie des échanges hydrogéne-deuterium des prontos benzyliques des arénetricarbonylchrome. Echange des protons en *syn* du métal *[Univ. Sci. & Technol. Lille, CNRS, Chim. Organ. Appl. Synth. Organomet. Lab., URA 402, Villeneuve d'Ascq, France]*

Vol. 456 pp. C27–C28 (1993)
POWELL, J., HORVATH, M., LOUGH, A., $Ag_2(O_2CCCl_3)_2(HO_2CCCl_3)(IC_6H_5)$, The first example of a complex containing a bridging iodo carbon ligand *[Univ. Toronto, Dept. Chem., Toronto, ONT, Canada]*

Vol. 457 pp. 1–23 (1993)
KABALKA, G.W., GUINDI, L.H.M., Boron: boranes in organic synthesis. Annual survey covering the year 1989 *[Univ.*

Tennessee, Dept. Chem., Knoxville, TN, USA]

Vol. 457 pp. 25–40 (1993)
KABALKA, G.W., MARKS, R.C., Boron: boranes in organic synthesis. Annual survey covering the year 1990 *[Univ. Tennessee, Dept. Chem., Knoxville, TN, USA]*

Vol. 457 pp. 41–62 (1993)
ROGERS, R.D., ROGERS, L.M., Lanthanides and actinides. Annual survey covering the year 1991 *[North Illinois Univ., Dept. Chem., De Kalb, IL, USA]*

Vol. 457 pp. 63–120 (1993)
KERBER, R.C., Organoiron chemistry. Annual survey for the year 1991 *[SUNY, Dept. Chem., Stony Brook, NY, USA]*

Vol. 457 pp. 121–165 (1993)
RICHMOND, M.G., Annual survey of ruthenium and osmium for the year 1990 *[Univ. North Texas, Dept. Chem., Ctr. Organomet. Res. & Educ., Denton, TX, USA]*

Vol. 457 pp. 167–272 (1993)
HEGEDUS, L.S., Transition metals in organic synthesis. Annual survey covering the year 1991 *[Colorado State Univ., Dept. Chem., Fort Collins, CO, USA]*

Vol. 457 pp. 273–344 (1993)
UNGVÁRY, F., Transition metals in organic synthesis: hydroformylation, reduction, and oxidation. Annual survey covering the year 1991 *[Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary]*

Vol. 458 pp. 1–7 (1993)
STÜGER, H., Lineare Tetrasilane mith mittelständigen Substituenten – Oligosilane mit optischer Aktivität *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 458 pp. 9–12 (1993)
DUGUET, E., SCHAPPACHER, M., SOUM, A., New cyclodisilazane monomers *[Univ. Bordeaux 1, Ecole Natl. Super Chim. & Phys., Chim. Polymeres Organ. Lab., Talence, France; Univ. Bordeaux 1, CNRS, Talence, France]*

Vol. 458 pp. 13–17 (1993)
TACKE, R., WAGNER, S.A., BRAKMANN, S., WUTTKE, F., EILERT, U., FISCHER, L., SYLDATK, C., Synthesis of acetyldimethyl(phenyl)silane and its enantioselective conversion into (*R*)-(1-hydroxyethyl)dimethyl(phenyl)silane by plant cell suspension cultures of *symphytum officinale* L. and *Ruta graveolens* L. *[Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany; Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Pharmazeut. Biol., Braunschweig, Germany; Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Biochem. & Biotechnol., Braunschweig, Germany]*

Vol. 458 pp. 19–27 (1993)
HERBERHOLD, M., SCHREPFERMANN, M., η^7-Cycloheptatrienyl-carbonylvanadium-Komplexe mit mono- und bifunktionellen Phosphan-Liganden. Eine ^{51}V-NMR-spektroscopische Untersuchung *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 458 pp. 29–38 (1993)
DAKTERNIEKS, D., DYSON, G., JURKSCHAT, K., TOZER, R., TIEKINK, E.R.T., Utilization of hypervalently activated organotin compounds in synthesis. Preparation and reactions of $Me_2N(CH_2)_3SnPh_3$ *[Deakin Univ., Sch. Biol. & Chem. Sci., Geelong, VIC, Australia; Univ. Adelaide, Dept. Phys. & Inorgan. Chem., Jordan Labs, Adelaide, SA, Australia]*

Vol. 458 pp. 39–48 (1993)
BOVIO, B., CINGOLANI, A., MARCHETTI, F., PETTINARI, C., Tin(IV) and organotin(IV) complexes containing the anion of some substituted-3-methyl-4-acyl-5-pyrazolones. Crystal structure of dimethylbis(1-phenyl-3-methyl-4-benzoyl pyrazolon-5-ato)-tin(IV) *[Univ. Camerino, Dipartimento Sci. Chim., Camerino, Italy; Univ. Pavia, Dipartimento Chim. Gen., Pavia, Italy]*

Vol. 458 pp. 49–56 (1993)
ANSELME, G., DECLERCQ, J.-P., DUBOURG, A., RANAIVONIATOVO, H., ESCUDIÉ, J., COURET, C., A compound with a tin–carbon double bond, bis(2,4,6-triisopropylphenyl)-(fluorenylidene)stannane: aspects of its reactivity and X-ray structure of its dimer *[Univ. Paul Sabatier, CNRS, UA 477, Chim. Organomineraux Lab., Toulouse, France; Univ. Catholique Louvain, Chim. Phys. & Cristallog. Lab., Louvain, Belgium; Fac. Pharm. Montpellier, Phys. Ind. Pharmaceut. Lab., Montpellier, France]*

Vol. 458 pp. 57–61 (1993)
LANGE, I., WIELAND, E., JONES, P.G., BLASCHETTE, A., Polysulfonylamine. XLVII. Darstellung und Kristallstrukturanalyse der ionische Verbindung *catena*-Poly[(μ-4,4'-bipyridin)trimethyl-zinn]-dimesylamid-Acetonitril (1/1) *[Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany]*

Vol. 458 pp. 63–81 (1993)
WALTER, O., KLEIN, T., HUTTNER, G., ZSOLNAI, L., Chirale Tripodliganden: Die Eintropfreaktion $MeC(CH_2PPh_2)_3 \rightarrow MeC(CH_2P(Ph)(R))_3$; Zwischenstufen, diastereoselektive Kontrolle und Komplexchemie *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 458 pp. 83–88 (1993)
DENG, D.L., QIAN, C.T., SONG, F.Q., WANG, Z.Y., WU, G., ZHENG, P.J., JIN, S.C., LIN, Y.H., Studies on organolanthanoid complexes. LI. Syntheses of bis- and tris(2-methoxyethyl-cyclopentadienyl) lanthanoid complexes and crystal structures of bis(2-methoxyethylcyclopentadienyl)ytterbium iodide... *[Chinese Acad. Sci., Shanghai Inst. Organ. Chem., Organomet. Chem. Lab., Shanghai, P.R. China]*

Vol. 458 pp. 89–96 (1993)
DÜRR, S., HÖHLEIN, U., SCHOBERT, R., Neue Synthesen und Reaktionen ungesättigter Heterotitanacyclen *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Organ. Chem., Erlangen, Germany]*

Vol. 458 pp. 97–103 (1993)
BERLEKAMP, M., ERKER, G., PETERSEN, J.L., Structure of a metallacyclic metaloxycarbene vanadium complex prepared from $CpV(CO)_4$ *[Univ. Münster, Inst. Organ. Chem., Münster, Germany; West Virginia Univ., Dept. Chem., Morgantown, WV, USA]*

Vol. 458 pp. 105–117 (1993)
SÉNÉCHAL-TOCQUER, M.C., SENECHAL, D., LE BIHAN, J.Y., GENTRIC, D., CARO, B., GRUSELLE, M., CORDIER, C., JAOUEN, G., Déprotonation des allylbenzènes chrometricarbonyle en milieu basique. Etude RMN ^{1}H et ^{13}C et réactivité des anions allyliques: influence électronique et stérique du groupement chrometricarbonyle *[Univ. Rennes 1, IUT Lannion, CNRS, URA 415, Chim. Organomet. & Biol. Lab., Lannion, France; Ecole Natl. Super Chim., CNRS, UA 403, Paris, France]*

Vol. 458 pp. 119–124 (1993)
SZCZECINSKI, P., Application of scalar ^{13}C, ^{19}F couplings between carbonyl carbons and aromatic fluorine to investigation of conformation of chelate phosphitodicarbonylchromium and dicarbonyl(phosphine) chromium complexes of fluorobenzenes

[Warsaw Univ. Technol., Dept. Chem., Warsaw, Poland]

Vol. 458 pp. 125–129 (1993)
KUHN, N., KREUTZBERG, J., LAMPE, E.-M., BLÄSER, D., BOESE, R., Heterozyklen als Liganden. XVIII. Synthese und Struktur von Tricarbonyl(1,2,3,4,5-pentamethylpyrrol)chrom(0) – der Einfluß der Methyl-substituenten auf die Koordinationseigenschaften des Pyrrol-Liganden *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany; Univ. Gesamthsch. Essen, Inst. Anorgan. Chem., Essen, Germany]*

Vol. 458 pp. 131–140 (1993)
ROBERTS, A., WHITELEY, M.W., The synthesis of ring-substituted cycloheptatrienyl complexes $[M(CO)_3(\eta^7\text{-}C_7H_6R)]^+$ (M=Cr, Mo or W; R=Me, ^{t}Bu, C_6H_4-F-*p* or C≡CPh) *[Univ. Manchester, Dept. Chem., Manchester, Lancs, England]*

Vol. 458 pp. 141–146 (1993)
DAVIES, M.S., PIERENS, R.K., ARONEY, M.J., Metal–ligand bonding in $LM(CO)_5$ complexes (L=NMe_3, PMe_3, PCl_3, PBr_3 or $AsMe_3$; M=Cr, Mo or W) from dielectric, electro-optic and spectroscopic evidence *[Univ. Sydney, Dept. Inorgan. Chem., Sydney, NSW, Australia]*

Vol. 458 pp. 147–157 (1993)
LAI, C.H., CHENG, C.H., CHENG, C.Y., WANG, S.-L., Synthesis, structure, and properties of molybdenum octahedral d^6 bis(alkyne) complexes *[Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan]*

Vol. 458 pp. 159–166 (1993)
SCHIEMENZ, B., ETTEL, F., HUTTNER, G., ZSOLNAI, L., Metallorganische Schutzgruppen für den Aufbau ungewöhnlicher Zinn-Chalkogen-Käfigverbindungen: Thiostannat(II) $Sn_3S_4^{2-}$ und "zinnoxidhydrat" $Sn_6(\mu_3\text{-}OH)_4(\mu_3\text{-}O)_4$ als Liganden in ^{R}Cp$(CO)_2$Mn-Komplexen *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 458 pp. 167–171 (1993)
CHIANG, H.-J., LIU, C.-S., Activation of the carbon–carbon bond in the Mn-mediated cycloaddition reaction between disilacyclobutene and cyclic conjugated dienes *[Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan]*

Vol. 458 pp. 173–179 (1993)
BASATO, M., Kinetics and mechanism of the reaction of bis-μ-diethylphosphidobis(tetracarbonylmanganese) with tri-*N*-butylphosphine *[Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy]*

Vol. 458 pp. 181–186 (1993)
SÜNKEL, K., BIRK, U., Komplexchemie perhalogenierter Cyclopentadiene und Alkine. XIII. Darstellung, Reaktionen und Strukturen von $[C_5Cl_4M]Mn(CO)_3$ (M=$Mn(CO)_5$, $Au(PPh_3)$) *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 458 pp. 187–191 (1993)
KINOSHITA, T., TSUJI, S., OTAKE, T., TAKEUCHI, K., Poly-linked cyclopentadienide ions. II. Synthesis and properties of the tetracyclopentadienylmethane tetraanion *[Kyoto Univ., Fac. Engn., Dept. Hydrocarbon Chem., Kyoto, Japan]*

Vol. 458 pp. 193–198 (1993)
JUN, C.-H., KANG, J.-B., KIM, J.-Y., New synthesis of acylferrocene by hydroiminoacylation of the terminal olefin with ferrocenecarboxaldimine and application to polymer-supported acylferrocene *[Agency Def. Dev., Taejon, South Korea]*

Vol. 458 pp. 199–204 (1993)
SATO, M., SHIGETA, H., SEKINO, M., AKABORI, S., Synthesis, some reactions, and molecular structure of the $Pd(BF_4)_2$ complex of 1,1'-bis(diphenylphosphino)ferrocene *[Saitama Univ., Ctr. Chem. Anal., Urawa, Saitama, Japan; Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

Vol. 458 pp. 205–209 (1993)
HERBERHOLD, M., BRENDEL, H.-D., 1,3-Dioxa-[3]ferrocenophane *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 458 pp. 211–218 (1993)
CIFUENTES, M.P., HUMPHREY, M.G., SKELTON, B.W., WHITE, A.H., Ruthenium carbonyl cluster complexes with nitrogen ligands. II. Syntheses, X-ray structures and interconversion of $Ru_3(\mu\text{-}H)(\mu\text{-}\eta^2\text{-}NC_5H_8)(CO)_{10}$ and $Ru_3(\mu\text{-}H)(\mu_3\text{-}\eta^2\text{-}NC_5H_8)(CO)_9$ *[Univ. New England, Dept. Chem., Armidale, NSW, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 458 pp. 219–224 (1993)
MÜLLER, J., QIAO, K., SIEWING, M., WESTPHAL, B., (η^6-Aren)(η^4-buta-1,3-dien)ruthenium(0)-Komplexe: Synthese und Eigenschaften sowie Kristallstruktur von (Benzol)(butadien)-ruthenium *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 458 pp. 225–228 (1993)
DEYDIER, E., MENU, M.-J., DARTIGUENAVE, M., DARTIGUENAVE, Y., Wolff rearrangement in a transition-metal diazoalkane complex. Synthesis of the first η^1-ketenyl rhodium complex $[Rh\{C(CO)SiMe_3\}(CO)(PEt_3)_2]$ *[Univ. Paul Sabatier, Chim. Inorgan. Lab., Toulouse, France]*

Vol. 458 pp. 229–232 (1993)
LINDNER, E., WANG, Q.Y., MAYER, H.A., BADER, A., Ligandeffekte bei der Synthese der Komplexe $ClRh(PO)(P\text{-}O)$, $[Rh(PO)_2][BPh_4]$ und $[Rh(COD)(PO)][BPh_4]$ *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

Vol. 458 pp. 233–236 (1993)
STANGER, A., SHAZAR, A., A one-pot method for the preparation of $(R_3P)_2Ni^0L$ complexes *[Technion Israel Inst. Technol., Dept. Chem., Haifa, Israel]*

Vol. 458 pp. C1–C2 (1993)
CAPPERUCCI, A., RICCI, A., SECONI, G., DUNOGUES, J., GRELIER, S., PICARD, J.-P., PALOMO, C., AIZPURUA, J.-M., N-alkylydene(bis(trimethylsilyl)methyl) amines: a new series of stable imines *[CNR, Ist. Composti Carbonoi, Ozzano Emilia, Italy; Univ. Florence, Dept. Organ. Chem., Florence, Italy; Univ. Bologna, Dipartimento Chim. Organ., Bologna, Italy; Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France; Univ. Pais Vasco, Dept. Quim. Organ., San Sebastián, Spain]*

Vol. 458 pp. C3–C4 (1993)
JACKSON, R.D., JAMES, S., ORPEN, A.G., PRINGLE, P.G., 1,8-Bis(diphenylphosphino)naphthalene: a rigid chelating, diphosphine analogue of proton sponge *[Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 458 pp. C5–C7 (1993)
REN, X., REST, A.J., Photochemistry of methanesulphinatopentacarbonylmanganese, $Mn(CO)_5(SO_2CH_3)$, in frozen gas matrices at *ca* 12 K *[Univ. Southampton, Dept. Chem., Southampton, Hants, England]*

Vol. 458 pp. C8–C9 (1993)
HOGARTH, G., SKORDALAKIS, E., Insertion of diphenylacetylene into the carbon–sulfur bond of phenylisothiocyanate at a

diruthenium centre: synthesis and X-ray structure of $[Cp_2Ru_2(CO)(\mu\text{-}CO)\{\mu\text{-}SC(pH)=C(pH)C(=NPh)\}]$ *[Univ. London, Univ. Coll., Dept. Chem., London, England]*

Vol. 458 pp. C10–C11 (1993)
HINZE, S., GONG, J.K., FANWICK, P.E., KUBIAK, C.P., Synthesis and structure of the nickel A-frame complex $Ni_2(\mu\text{-}CNC_6H_5)(dppm)_2Cl_2$ *[Purdue Univ., Dept. Chem., West Lafayette, IN, USA; South-East Missouri State Univ., Dept. Chem., Cape Girardeau, MO, USA]*

Vol. 458 pp. C12–C15 (1993)
BOCELLI, G., CATELLANI, M., GHELLI, S., Regioselective ring opening of a palladium(IV) alkylaromatic metallacycle by benzyl group migration from palladium to the aromatic carbon and X-ray structure of the resulting palladium(II) complex *[Univ. Parma, Ist. Chim. Organ., Parma, Italy; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy; Univ. Modena, Dept. Chem., Modena, Italy]*

Vol. 459 pp. 1–9 (1993)
HERBERICH, G.E., ENGLERT, U., PUBANZ, D., Tripeldecker-Komplexe. X. Der Boratabenzol-Ring als Brückenligand in Tripeldeckerkomplexen. Synthese und Struktur von $[(\mu,\eta^6,\eta^6\text{-}C_5H_5BMe)(RuCp^*)_2]CF_3SO_3\cdot 0.5CH_2Cl_2$ und Übertragung eines Boratabenzol-Rings von einem Ru *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 459 pp. 11–16 (1993)
WISSING, E., JASTRZEBSKI, J.T.B.H., BOERSMA, J., VAN KOTEN, G., An unexpected 1,2-alkyl shift within a chelate bonded organoaluminum-enamine *[Univ. Utrecht, Debye Inst., Dept. Met. Mediated Synth., Utrecht, Netherlands]*

Vol. 459 pp. 17–20 (1993)
CURNOW, O.J., SCHIEMENZ, B., HUTTNER, G., ZSOLNAI, L., "iniden"-Komplexe: Ausweitung einer isoelectronischen Reihe auf die dritte Hauptgruppe *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 459 pp. 21–23 (1993)
KUNKELY, H., VOGLER, A., Photochemistry of cyclopentadienylthallium(I) *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany]*

Vol. 459 pp. 25–41 (1993)
AUNER, N., PROBST, R., HAHN, F., HERDTWECK, E., Strukturuntersuchungen an Verbindungen mit höher koordiniertem Silicium: Modelle zum Studium der nucleophilen Substitution an Silicium-Zentren *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 459 pp. 43–54 (1993)
BOCK, H., MEURET, J., Photoelectronen-Spektren und Moleküleigenschaften. CXLVIII. Die niedrigen ersten Ionisierungsenergien β-trimethylsilyl-substituierter Ether... *[Univ. Frankfurt, Inst. Chem., Frankfurt, Germany]*

Vol. 459 pp. 55–64 (1993)
SCHUBERT, U., WÜLFERT, P., MOCK, S., Siliciumhaltige Carben-Komplexe. XIV. Untersuchungen zur Frage der Acidität der Si-H Gruppe in Silylcarben-Komplexen $(CO)_5MC(XR)SiHR'_2$ (M=Cr, W; XR=OEt, NR_2) *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 459 pp. 65–71 (1993)
FISCHER, R.A., PRIERMEIER, T., SCHERER, W., Organo group 13 metal complexes of d-block elements. VII. Stable organogalliumtetrahydroborates: novel precursors for the deposition of gallium-containing mixed metal thin films *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 459 pp. 73–78 (1993)
FLUCK, E., BIEGER, K., HECKMANN, G., NEUMÜLLER, B., *o*-λ^5-[1,3]-Diphosphaphenylen-bis(diphenylphosphanoxid) und sein Palladium(II)-Komplex *[Max Planck Ges., Gmelin Inst. Anorgan. & Metallorgan. Chem., Frankfurt, Germany; Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany; Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 459 pp. 79–86 (1993)
STEHR, J., FISCHER, R.D., Chiroptische Effekte chiraler Lanthanoidorganyle. II. Bis(cyclopentadienyl)ytterbium(III)-Alkoxide mit jeweils einem dissymmetrischen Ligandenatom: Molekülbau und chiroptische Effekte *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 459 pp. 87–93 (1993)
ALEANDRI, L.E., BOGDANOVIC, B., GAIDIES, A., JONES, D.J., LIAO, S.J., MICHALOWICZ, A., ROZIERE, J., SCHOTT, A., $[ti(MgCl)_2\cdot xTHF]_x$: A Reagent for the McMurry reaction and a novel inorganic Grignard complex *[Max Planck Inst. Coal Res., Mülheim, Germany; Univ. Montpellier 2, CNRS, URA 79, Agregats Molec. & Mat. Inorgan. Lab., Montpellier, France; Acad. Sinica, Inst. Chem. Phys., Dalian, P.R. China; Ctr. Univ. Paris Sud, UR Electromagnet Lab., Orsay, France; Univ. Paris Val Marne 12, Fac. Sci. & Technol., Creteil, France]*

Vol. 459 pp. 95–105 (1993)
KARSCH, H.H., DEUBELLY, B., GRAUVOGL, G., MÜLLER, G., Oxidative Verknüpfung von Phosphinomethanliganden an Titanocen- und Bismutzentren: selektive C-C, P-C- and P-P-Bindungsbildung *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 459 pp. 107–115 (1993)
ERKER, G., SCHAMBERGER, J., VAN DER ZEIJDEN, A.A.H., DEHNICKE, S., KRÜGER, C., GODDARD, R., NOLTE, M., On the structural features of the chiral organometallic Lewis-acid catalyst "(dibornacyclopentadienyl) zirconiumtrichloride" *[Univ. Münster, Inst. Organ. Chem., Münster, Germany; Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 459 pp. 117–123 (1993)
RAZAVI, A., ATWOOD, J.L., Preparation and crystal structures of the complexes $(\eta^5\text{-}C_5H_4CPh_2\text{-}\eta^5\text{-}C_{13}H_8)MCl_2$ (M=Zr, Hf) and the catalytic formation of high molecular weight high tacticity syndiotactic polypropylene *[Fina Res., Petrofina Grp., Ctr. Rech, Feluy, Belgium; Univ. Alabama, Dept. Chem., Tuscaloosa, AL, USA]*

Vol. 459 pp. 125–130 (1993)
MCGHEE, W.D., SELLA, A., O'HARE, D., CLOKE, F.G.N., MEHNERT, C., GREEN, M.L.H., Synthesis and structure of the first η^6-pyrazine complex $[V(\eta^6\text{-}Me_4pyrazine)_2]$ and related studies *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 459 pp. 131–138 (1993)
MASHIMA, K., YAMANAKA, Y., GOHRO, Y., NAKAMURA, A., Preparation, characterization, and reactions of 16-electron $Ta(\eta^5\text{-}C_5Me_5)(\eta^3\text{-}1\text{-phenylallyl})_2$ *[Osaka Univ., Fac. Sci., Dept. Macromolec. Sci., Toyonaka, Osaka, Japan]*

Vol. 459 pp. 139–144 (1993)
BRUNNER, H., STUMPF, A., Optisch aktive Übergangsmetall-Komplexe. CV. Faciale und meridionale Chromcarbonylphosphin-komplexe *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany]*

Vol. 459 pp. 145–149 (1993)
AUMANN, R., HINTERDING, P., KRÜGER, C., GODDARD, R., Organische Synthesen mit Übergangsmetall-Komplexen. LXV. Aldehyde durch Hydrolyse der M=C-bindung von Alkoxy-carben-Chrom-komplexen mit Wasser/Urotropin. Ein zwei-kerniger verbrückter (ß-Amino)vinylcarben-Chromkomplex durch Fragmentierun *[Univ. Münster, Inst. Organ. Chem., Münster, Germany; Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 459 pp. 151–156 (1993)
HANDWERKER, H., PAUL, M., RIEDE, J., ZYBILL, C., $^tBu_2$,Si=Cr(CO)$_5$·Na(CF_3SO_3)·2THF: a salt-adduct of a chromium–silicon double bond *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 459 pp. 157–167 (1993)
ELSCHENBROICH, CH., NOWOTNY, M., KROKER, J., BEHRENDT, A., MASSA, W., WOCADLO, S., Metall-Komplexe von Heteroarenen. VI. Hexakis (η^1-phosphinin)chrom: Synthese, Struktur und Redoxverhalten *[Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 459 pp. 169–176 (1993)
DÖTZ, K.H., KROLL, F., HARMS, K., Reaktionen von Komplexliganden. LVII. Amidinocarben-Chelatkomplexe des Chroms und Molybdäns: Synthese, Struktur und Cycloadditionen mit Alkinen *[Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 459 pp. 177–184 (1993)
ÖFELE, K., HERRMANN, W.A., MIHALIOS, D., ELISON, M., HERDTWECK, E., SCHERER, W., MINK, J., Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen. CXXVI. Heterocyclen-Carbene als phosphananaloge Liganden in Metallkomplexen *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 459 pp. 185–198 (1993)
OSKAM, J.H., FOX, H.H., YAP, K.B., MCCONVILLE, D.H., O'DELL, R., LICHTENSTEIN, B.J., SCHROCK, R.R., Ligand variation in alkylidene complexes of the type Mo(CHR)(NR')(OR'')$_2$ *[MIT, Dept. Chem., Cambridge, MA, USA]*

Vol. 459 pp. 199–207 (1993)
KREITER, C.G., KERN, U., Photochemische Reaktionen von Übergangsmetall-Organyl-Komplexen mit Olefinen. VIII. Lichtinduzierte Co-Dimerisierung von Acetylen und Ethylen an zweikernigen Molybdän-Komplex *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany]*

Vol. 459 pp. 209–217 (1993)
ALT, H.G., HAN, J.S., ROGERS, R.D., THEWALT, U., Acetylenkomplexe des Wolframs. Molekülstrukturen von (η^5-$C_5H_4CMe_2C_{13}H_9$)W(CO)(HC_2Ph)Me, (η^5:η^1-$C_5H_4CMe_2$-$C_{13}H_8$)W(CO)(C_2Ph_2) und (η^5-C_5H_5)Cr(CO)(C_2H_2)NO... *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany; North Illinois Univ., Dept. Chem., De Kalb, IL, USA; Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany]*

Vol. 459 pp. 219–227 (1993)
WEIDMANN, T., SÜNKEL, K., BECK, W., Kohlenwasserstoffverbrückte Metallkomplexe. XXVIII. Fischer-Metallcarben-dithiolat-Anionen als Nucleophile zum Aufbau Kohlenwasserstoff-verbrückter Metallkomplexe *[Ludwig Maximilians Univ. München, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 459 pp. 229–232 (1993)
GOLLER, R., SCHUBERT, U., WEISS, K., Investigations of polymerization and metathesis reactions. XXI. Reactions of alkyl isothiocyanates with the carbyne tungsten(VI) complex Cl_3(dme)W≡C^{t}Bu *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany; Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 459 pp. 233–247 (1993)
FILIPPOU, A.C., HOFMANN, P., KIPROF, P., SCHMIDT, H.R., WAGNER, C., Mononuclear bis-aminocarbyne complexes of tungsten with Tp' ligands; theory of metal-centred carbyne-carbyne coupling *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 459 pp. 249–255 (1993)
FISCHER, H., RUCHAY, A., STUMPF, R., KALBAS, C., Kinetische und mechanistische Untersuchungen von Übergangsmetall-Komplex-Reaktionen. XXVIII. Kinetische Untersuchungen zur [2+2]-Cycloaddition von Vinylethern an Pentacarbonyl-(thiobenzaldehyd)wolfram (CO)$_5$W[S=C(C_6H_4R-*p*)H]... *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 459 pp. 257–263 (1993)
HERBERHOLD, M., JIN, G.-X., MILIUS, W., Chalkogen-Verbrückte Derivative des Pentamethylcyclopentadienylrhenium-Halbsandwich-Fragments (Cp*Re): Bildung und Molekülstruktur der Selenkomplexe Cp*$_2$Re$_2$(μ-Se$_4$)$_2$ und Cp*$_2$Re$_2$O$_2$(μ-Se)$_2$ *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 459 pp. 265–269 (1993)
HANSERT, B., VAHRENKAMP, H., Preparation, structure, and some reactions of the evasive azobenzene complex [Fe$_2$(CO)$_6$(μ-Ph_2N_2)] *[Albert Ludwigs Univ., Inst. Anorgan. & Analyt. Chem., Freiburg, Germany]*

Vol. 459 pp. 271–281 (1993)
SEYFERTH, D., ANDERSON, L.L., DAVIS, W.M., Reactions of [Et_3NH][(μ-CO)(μ-RS)Fe$_2$(CO)$_6$] complexes with thiazolyl-, oxazolyl- and imidazoyl-mercurials: a route to Fe$_2$(CO)$_6$ complexes containing an η^1, η^2-C=N bridge *[MIT, Dept. Chem., Cambridge, MA, USA]*

Vol. 459 pp. 283–291 (1993)
BRODT, C., NIU, S.Q., PRITZKOW, H., STEPHAN, M., ZENNECK, U., Reaktive π-Komplexe der electronenreichen Übergangsmetalle. XIII. (η^6-Hexalkylbenzol)(η^4-naphthalin)eisen-komplexe: Synthese, Eogenschaften, Struktur und Reaktivität *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany; Univ. Heidelberg, Inst. Organ. Chem., Heidelberg, Germany]*

Vol. 459 pp. 293–301 (1993)
BAILEY, P.J., BESWICK, M.A., LEWIS, J., RAITHBY, P.R., DE ARELLANO, M.C.RAMIREZ, Reactions of the hexaruthenium cluster anions [$Ru_6C(CO)_{16}$]$^{2-}$ and [$Ru_6(CO)_{18}$]$^{2-}$ with $Au_2\{Ph_2PCH_2PPh_2\}Cl_2$: crystal and molecular structures of $Ru_6C(CO)_{16}Au_2\{Ph_2PCH_2PPh_2\}$ and $Ru_5(CO)_{15}Au_2\{Ph_2PCH_2PPh_2\}$ *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 459 pp. 303–310 (1993)
LINDNER, E., SCHLENKER, T., FAWZI, R., MAICHLE, C., Darstellung und Eigenschaften von und Reaktionen mit metallhaltigen Heterocyclen. LXXXIII. Synthese verschieden substituierter Furane durch Cobalt-induzierte Cyclocotrimerisierung einer P=S-Funktion mit Acetylendicarbonsäuredialkylestern *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

Vol. 459 pp. 311–317 (1993)
CETINKAYA, B., HITCHCOCK, P.B., LAPPERT, M.F., SHAW, D.B., SPYROPOULOS, K., WARHURST, N.J.W., Carbene complexes.

XXIII. Preparation, characterization, and structures of the enetetramine-derived carbenerhodium(I) chloride complexes $[RhCl(L^R)_3]$, *trans*-$[RhCl(CO)(L_2^{R'}]$... *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 459 pp. 319–323 (1993)
WERNER, H., RAPPERT, T., BAUM, M., STARK, A., Metallorganische Chemie in fester Phase: Umlagerungs-, Eliminierungs- und Additionsreaktionen von Organometallverbindungen ohne Solvens *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 459 pp. 325–333 (1993)
MÜLLER, J., AKHNOUKH, T., PICKARDT, J., SIEWING, M., WESTPHAL, B., π-Olefin-Iridium-Komplexe. XVII. Synthese neuartiger Rhoda- und Iridacyclopentadienyl-Komplexe über Butadienmagnesium-Verbindungen *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 459 pp. 335–347 (1993)
TAUBE, R., WACHE, S., SIELER, J., Komplexkatalyse. XLV. Die Darstellung von C_{12}-Allylnickel(II)-fluorid $[Ni(C_{12}H_{19})F]_x$ und dessen Überführung in η^3,η^2,η^2-Dodeca-2(*E*),6(*E*),10(Z)-trien-1-yl-nickel(II)-tris(pentafluorophenyl)-fluoroborat *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Merseburg, Germany; Univ. Leipzig, Inst. Anorgan. Chem., Leipzig, Germany]*

Vol. 459 pp. 349–357 (1993)
DENNINGER, U., SCHNEIDER, J.J., WILKE, G., GODDARD, R., KRÖMER, R., KRÜGER, C., Transition metal complexes. VIII. An unusual rearrangement of a butadienyl ligand via cyclometallation *[Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 459 pp. 359–364 (1993)
DAUTH, J., DEUBZER, B., WEIS, J., Tetrakis-(η^1-1-phenyl-3-n-hexyltriazenido)platin(IV), der erste homoleptische Arylalkyltriazenidoplatin(IV)komplex *[Wacker Chem. Gmbh, Burghausen, Germany]*

Vol. 459 pp. C1–C5 (1993)
BRAUNSTEIN, P., KNORR, M., STÄHRFELDT, T., DE CIAN, A., FISCHER, J., Electrophilic additions to the bimetallic silyl complexes $[(OC)_3\{(MeO)_3Si\}Fe(\mu\text{-}PR_2)Pt(1,5\text{-}COD)]$ (R = Ph, Cy). Crystal structure of $[(OC)_3Fe(\mu\text{-}PCy_2)\{\mu\text{-}Au(PPh_3)\}_2Pt(1,5\text{-}COD)][PF_6]$ (Cy = *c*-C_6H_{11}) *[Univ. Strasbourg 1, CNRS, URA 416, Chim. Coordinat. Lab., Strasbourg, France; Univ. Strasbourg 1, CNRS, URA 424, Cristallochim. & Chim. Struct. Lab., Strasbourg, France]*

Vol. 459 pp. C6–C8 (1993)
KREIBL, F.R., ULLRICH, N., OSTERMEIER, J., SCHÜTT, W., Kationische, acyclische Thiocarbenkomplexe des Wolframs *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 459 pp. C9–C11 (1993)
THIEL, W.R., FISCHER, R.W., HERRMANN, W.A., Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen. CXXVIII. Methyltrioxorhenium(VII) als Oxidations-katalysator für Metallcarbonyle *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 459 pp. C12–C14 (1993)
HÄRTER, P., DAVID, J., Fulvenylsubstituierte Cp-Liganden. IV. Ein stabiles heterodinukleares Donor/Akzeptor-System mit 6-Pentafulvenylcyclopentadienyl-Brücke *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Univ. Bucuresti, Fac. Chim., Catedra Chim. Analit., Bucharest, Romania]*

Vol. 460 pp. 1–6 (1993)
WEBB, K.M., MILLER, N.E., Multipolar framework chemistry. Gallium- and phosphorus-containing heterocycles *[Univ. South Dakota, Dept. Chem., Vermillion, SD, USA]*

Vol. 460 pp. 7–13 (1993)
EL KADDAR, Y.Y., EABORN, C., LICKISS, P.D., Reactions of the highly sterically hindered compounds $(Me_3Si)_3CSiMe_2X$ (X = Cl, Br, I, or ONO_2) with NaN_3, CsF, KSCN, and KOCN in MeOH *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 460 pp. 15–18 (1993)
JANKOWSKI, P., KAMIENSKA-TRELA, K., MINKSZTYM, K., WICHA, J., One-bond CC spin-spin coupling constants in silyl-substituted cyclopropenes *[Polish Acad. Sci., Inst. Organ. Chem., Warsaw, Poland]*

Vol. 460 pp. 19–23 (1993)
HERBOWSKI, A., DEUTSCH, E.A., 1,2-bis[bis(methoxyethyl)-phosphino]ethane, 1,2-bis[bis(methoxypropyl)phosphino]ethane and their quarternary salts. Unexpected hydrolytic susceptibility of the ethanediylbis[bis(methoxyethyl)phosphonium]-PH,P'H' cation *[Silesian Univ., Inst. Chem., Katowice, Poland; Univ. Cincinnati, BCRC, Cincinnati, OH, USA; Univ. Cincinnati, Dept. Chem., Cincinnati, OH, USA]*

Vol. 460 pp. 25–30 (1993)
HERBOWSKI, A., LIS, T., DEUTSCH, E.A., The crystal structure of $MoO_2Cl_2[(CH_3OCH_2CH_2)_2P(O)CH_2CH_2P(O)(CH_2CH_2OCH_3)_2]$ *[Silesian Univ., Inst. Chem., Katowice, Poland; Univ. Wroclaw, Inst. Chem., Wroclaw, Poland; Univ. Cincinnati, BCRC, Cincinnati, OH, USA; Univ. Cincinnati, Dept. Chem., Cincinnati, OH, USA]*

Vol. 460 pp. 31–37 (1993)
DABDOUB, M.J., GUERRERO, P.G. (JR.), SILVEIRA, C.C., Synthesis of α-phenylchalcogeno acetic acids, ethyl-α-phenylchalcogeno acetates and ethyl-α-halo-α-phenylchalcogeno acetates *[Univ. Sao Paulo, FFCL, Dept. Quim., Ribeirao, SP, Brazil; Univ. Fed. Santa Maria, CCNE, Dept. Quim., Santa Maria, RS, Brazil]*

Vol. 460 pp. 39–45 (1993)
ROITERSHTEIN, D.M., RYBAKOVA, L.F., PETROV, E.S., ELLERN, A.M., ANTIPIN, M.YU., STRUCHKOV, YU.T., Lutetium complexes with an anthracene dianion ligand. Molecular structure of $[(C_5H_5)_2Lu(C_{14}H_{10}^{2-})][Na^+(diglyme)_2]$ *[Russian Acad. Sci., L.V. Karpov Phys. Chem. Res. Inst., Moscow, Russia; Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 460 pp. 47–53 (1993)
BERTHET, J.-C., EPHRITIKHINE, M., LANCE, M., NIERLICH, M., VIGNER, J., Synthesis of the triscyclopentadienyl(hydroxo)-uranium(IV) complexes $[U(C_5H_4R)_3(OH)]$ (R = $SiMe_3$ or ^tBu) and their transformation into μ-oxo bridged derivatives. Crystal structure of the trinuclear compound $[\{U(C_5H_4SiMe_3)_2(\mu\text{-}O)\}$ *[CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Chim. Uranium Lab., CNRS, URA 331, Gif sur Yvette, France]*

Vol. 460 pp. 55–66 (1993)
SCHOLLENBERGER, M., NUBER, B., ZIEGLER, M.L., HEY-HAWKINS, E., Carbonylmangan-Cluster mit Ga-, In- und Tl-Bausteinen *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany; Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany]*

Vol. 460 pp. 67–72 (1993)
MORITA, N., ITO, S., ASAO, T., The synthesis of tricarbonyl (2,4-cycloheptadiene-1,6-dione)iron and tricarbonyl (2,4-cyclooctadiene-1,6-dione)iron *[Tohoku Univ., Coll. Gen. Educ., Dept. Chem., Sendai, Miyagi, Japan]*

Vol. 460 pp. 73–81 (1993)
ADAMS, H., BAILEY, N.A., BLENKIRON, P., MORRIS, M.J., Metallacycle formation through the linking of an alkyne with phosphido and acetyl groups at an iron centre: X-ray structure of $[CpFe(CO)\{Ph_2PCH(CO_2Me)C(CO_2Me)=C(Me)O\}]$ ($Cp=\eta^5$-C_5H_5) *[Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 460 pp. 83–86 (1993)
MATHUR, P., HOSSAIN, M.M., RASHID, R.S., Trinuclear and tetranuclear iron/ruthenium carbonyl clusters stabilized by bridging selenium ligands *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India]*

Vol. 460 pp. 87–89 (1993)
EPSTEIN, L.M., SHUBINA, E.S., KRYLOV, A.N., KREINDLIN, A.Z., RYBINSKAYA, M.I., Ionic hydrogen bond and deprotonation of cationic hydride $[(\eta^5\text{-}C_5Me_5)_2OsH)^+A^-$ *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 460 pp. 91–96 (1993)
KING, J.A., VOLLHARDT, K.P.C., The thermally-induced prototropic isomerization of η^4-1,3-, η^4-1,4-, η^4-1,5-dialkenes complexed to (η^5-cyclopentadienyl)cobalt *[Univ. Calif. Berkeley, Dept. Chem., Berkeley, CA, USA; Univ. Calif., Lawrence Berkeley Lab., Berkeley, CA, USA]*

Vol. 460 pp. 97–104 (1993)
DUFFY, D.N., KASSIS, M.M., RAE, A.D., The synthesis of heteronuclear transition metal clusters derived from alkylidyne tricobalt cluster precursors. I. The reaction of $(\mu_3\text{-}CCl)Co_3(CO)_9$ with transition metal carbonyl anions. The crystal and molecular structure of $(\mu_3\text{-}CCl)Co$ *[Univ. New South Wales, Sch. Chem., Kensington, NSW, Australia]*

Vol. 460 pp. 105–110 (1993)
SCHEER, M., SCHUSTER, K., BECKER, U., KRUG, A., HARTUNG, H., Mono- und Di-t-butylcyclopentadienyl-Carbonyl-Komplexe des Mangans, Eisens, Cobalts und Rhodiums – Die Kristallstrukturen von $[Cp^xFe(CO)_2]_2$ ($Cp^x=\eta^5$-$C_5H_3(^tBu)R$-1,3; (R=H, ^{t}Bu) *[Martin Luther Univ. Halle Wittenberg, Fachbereich Chem., Halle, Germany]*

Vol. 460 pp. 111–115 (1993)
TÖRÖK, B., FELFÖLDI, K., MOLNÁR, A., BARTÓK, M., Transformation of organic compounds in the presence of metal complexes. VII. Selective reduction of diketones by hydrosilylation in the presence of rhodium(I) complexes *[József Attila Univ., Dept. Organ. Chem., Szeged, Hungary]*

Vol. 460 pp. 117–126 (1993)
BROWNING, J., DIXON, K.R., MEANWELL, N.J., WANG, F., Coordination chemistry of $[C(PPh_2)(P(S)Ph_2)_2]^-$: ^{31}P NMR of rhodium, iridium and platinum complexes, and the crystal and molecular structures of $[Rh(cod)\{C(PPh_2)(P(S)Ph_2)_2\text{-}P,S\}]\cdot CH_2Cl_2$ and $[RhI_2(^tBuNC)_2\{C(PPh_2)(P(S)Ph$ *[Univ. Victoria, Dept. Chem., Victoria, BC, Canada]*

Vol. 460 pp. 127–129 (1993)
GRONOWITZ, S., BJÖRK, P., MALM, J., HÖRNFELDT, A.-B., The effect of some additives on the stille Pd^0-catalyzed cross-coupling reaction *[Lund Univ., Ctr. Chem., Lund, Sweden]*

Vol. 460 pp. 131–138 (1993)
LEAL, J.P., SIMOES, J.A.MARTINHO, Standard molar enthalpies of formation of lithium alkoxides *[ICEN, LNETI, Dept. Quim., Sacavém, Portugal; Inst. Super Tecn., Dept. Engn. Quim., Lisbon, Portugal]*

Vol. 460 pp. 139–147 (1993)
ARCUS, V.L., MAIN, L., NICHOLSON, B.K., *ortho*-Directed electrophilic boronation of a benzyl ketone: the preparation, X-ray crystal structure, and some reactions of 4-ethyl-1-hydroxy-3-(4-hydroxyphenyl)-2-oxa-1-boranaphthalene *[Univ. Waikato, Dept. Chem., Hamilton, New Zealand]*

Vol. 460 pp. 149–153 (1993)
HASSLER, K., BAUER, G., ^{29}Si-Kernresonanzspektren und Synthese von Bromdisilanen und Ioddisilanen *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 460 pp. 155–161 (1993)
BOUKHERROUB, R., MANUEL, G., Synthèses de 3-silyl et de 3-germyl 1-sila et 1-germacyclopent-3-ènes *[Univ. Paul Sabatier, CNRS, UA 477, Chim. Organominéraux Lab., Toulouse, France]*

Vol. 460 pp. 163–175 (1993)
NÜRNBERG, O., WERNER, H., Vinyliden-Übergangsmetallkomplexe. XXVI. Synthese und Struktur kationischer Carbonyl-, Alken-, Vinyliden-, Alkinyl- und Alkin-Rhodiumkomplexe mit der Baueinheit *trans*-$[Rh((P^iPr_3)_2]$ *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 460 pp. 177–180 (1993)
SPIRLET, M.-R., REBIZANT, J., BETONVILLE, S., GOFFART, J., The crystal structure of tris(indenyl)uranium (β,β,β-trifluoroethanolate) *[Univ. Liège, Liège, Belgium; Commiss. European Communities, Joint Res. Ctr., Inst. Transuranium Elements, Karlsruhe, Germany; State Univ. Liège, Analyt. Chem. & Radiochem. Lab., Liège, Belgium]*

Vol. 460 pp. 181–189 (1993)
BECKHAUS, R., WAGNER, T., ZIMMERMANN, C., HERDTWECK, E., Bis-(π-pentamethylcyclopentadienyl)(2-methyliden)-titanacyclobutan: Selektive Insertion von Isonitrilen und Diphenylketen – Bildung fünf- und sechsgliedriger Metallacyclen *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany; Wissensch. Zentrum Berlin Adlershof, Berlin, Germany; Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 460 pp. 191–195 (1993)
JÜNGLING, S., MÜLHAUPT, R., PLENIO, H., Cooperative effects in binuclear zirconocenes: their synthesis and use as catalyst in propene polymerization *[Albert Ludwigs Univ., Inst. Makromolek. Chem., Freiburg, Germany; Albert Ludwigs Univ., Freiburger Mat. Forschungszentrum, Freiburg, Germany; Albert Ludwigs Univ., Inst. Anorgan. & Analyt. Chem., Freiburg, Germany]*

Vol. 460 pp. 197–202 (1993)
GAN, K.-S., LEE, H.K., HOR, T.S.A., Substituted metal carbonyls. XXIII. Syntheses of unicoordinated diphosphine complexes of Cr and Mo and their entry into heterobimetallics $M,M'(CO)_{10}(\mu\text{-}P\text{-}P)$ [M,M'=Cr,Mo,W; P-P=$Ph_2P(CH_2)_nPPh_2$, n=2-4] as metalloligands *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore]*

Vol. 460 pp. 203–211 (1993)
SHIU, K.-B., YEH, L.-Y., PENG, S.-M., CHENG, M.-C., Synthesis and application of diphenylbis(3,5-dimethylpyrazol-1-yl)methane to form η^2-arene complexes of molybdenum *[Natl. Cheng Kung Univ., Dept. Chem., Tainan, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 460 pp. 213–217 (1993)
HE, Z.L., NEIBECKER, D., MATHIEU, R., Synthesis and reactivity towards tetrafluoroboric acid of a new family of heterobimetallic polyhydride complexes $[(CO)(PPh_3)_2HRe(\mu\text{-}H)_3RhL_2]$ (L = PPh_3, 1,2,5-triphenylphosphole, or $P(OMe)_3$) *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 460 pp. 219–228 (1993)
GOUYGOU, M., DARAN, J.-C., HEIM, B., JEANNIN, Y., Reaction of heterocumulenes R-N=C=N-R and R-P=C=P-R with a di-iron aminocarbene complex *[Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 460 pp. 229–236 (1993)
SHYU, S.-G., LIN, P.-J., DONG, T.-Y., WEN, Y.-S., Structures and Mössbauer spectra of phosphido-bridged heterobimetallic complexes $CpFe(CO)_2(\mu\text{-}PPh_2)W(CO)_5$ and $CpFe(CO)(\mu\text{-}CO)(\mu\text{-}PPh_2)W(CO)_4$ *[Acad. Sinica, Inst. Chem., Taipei, Taiwan]*

Vol. 460 pp. 237–239 (1993)
PATTENDEN, G., TANKARD, M., Acylcobalt salophen complexes. Homolytic decomposition to salicyl aldehyde esters *[Univ. Nottingham, Dept. Chem., Nottingham, England]*

Vol. 460 pp. 241–248 (1993)
RUIZ, J., VICENTE, C., MARTÍ, J.M., CUTILLAS, N., GARCÍA, G., LÓPEZ, G., Synthesis and characterization of hydroxo, pyrazolato and carboxylato derivatives of the $PdR(PPh_3)$ moiety (R = C_6F_5 or C_6Cl_5) *[Univ. Murcia, Dept. Quim. Inorgan., Murcia, Spain]*

Vol. 460 pp. C1–C3 (1993)
DABROWSKI, A., KAMIENSKA-TRELA, K., One-bond CC and two-bond CH coupling constants in vinyllithium *[Polish Acad. Sci., Inst. Organ. Chem., Warsaw, Poland]*

Vol. 460 pp. C4–C5 (1993)
GREEN, M.L.H., LEUNG, W.-H., NG, D.K.P., Synthesis of a bridging-imido η-cycloheptatrienyl molybdenum complex *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 460 pp. C6–C7 (1993)
NOVIKOVA, L.N., ZAGOREVSKII, D.V., USTYNYUK, N.A., Deprotonation of decamethylferrocenium cation – new approach to alkyl group functionalization in transition metal complexes *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Univ. Ottawa, Dept. Chem., Ottawa, ONT, Canada]*

Vol. 460 pp. C8–C10 (1993)
DEEMING, A.J., VAISH, R., Complete desulfurization of diethyldithiocarbamato ligands to give a pentaruthenium cluster containing diethylaminomethylidyne ligands *[Univ. London, Univ. Coll., Dept. Chem., London, England]*

Vol. 460 pp. C13–C15 (1993)
JUTZI, P., DAHLHAUS, J., BANGEL, M., (Dimethylaminoethyl)cyclopentadienyl-Liganden in der Chemie von Gruppe-13-Elementen (Al, Ga, In) *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 460 pp. C16–C18 (1993)
TAVRIDOU, P., RUSSO, U., VALLE, G., KOVALA-DEMERTZI, D., The crystal structure of dichlorobis(2-imidazolidone)dimethyltin *[Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy; CNR, Ctr. Ric. Biopolimeri, Padua, Italy; Univ. Ioannina, Dept. Inorgan. Chem., Ioannina, Greece]*

Vol. 460 pp. C19–C21 (1993)
HANSERT, B., VAHRENKAMP, H., Spaltung von Diazen- und Diphosphen-Liganden bei der Cluster-Expansion *[Albert Ludwigs Univ., Inst. Anorgan. & Analyt. Chem., Freiburg, Germany]*

Vol. 460 pp. C22–C24 (1993)
CARMALT, C.J., NORMAN, N.C., ORPEN, A.G., STRATFORD, S.E., A cationic, four-coordinate, ten-electron bismuth(III) complex: synthesis and structure of $[BiPh_2(HMPA)_2][BF_4]$ (HMPA = hexamethylphosphoramide) *[Univ. Newcastle Upon Tyne, Dept. Chem., Newcastle upon Tyne, Tyne & Wear, England; Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 460 pp. C25–C27 (1993)
FRITSCH, E., KERSCHER, T., POLBORN, K., BECK, W., Metallorganische Lewis-Säuren. LII. Kationische Pentacarbonylcarben-Komplexe von Mangan und Rhenium $[(OC)_5COCH_2CH_2CH_2]^+\text{-}BF_4^-$ (M = Mn, Re) *[Ludwig Maximilians Univ. München, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 460 pp. C28–C29 (1993)
DABIRMANESH, Q., ROBERTS, R.M.G., The synthesis of iron sandwich complexes by microwave dielectric heating using a simple solid CO_2-cooled apparatus in an unmodified commercial microwave oven *[Univ. Essex, Dept. Chem. & Biol. Chem., Colchester, Essex, England]*

Vol. 460 pp. C30–C33 (1993)
BELCHEM, G., STEED, J.W., TOCHER, D.A., Synthesis and electrochemistry of organometallic ethanethiolato bridged complexes of ruthenium(IV) *[Univ. London, Univ. Coll., Dept. Chem., London, England]*

Vol. 460 pp. C34–C36 (1993)
FACHINETTI, G., FUNAIOLI, T., ZANAZZI, P.F., Disproportionation of homoleptic rhodium carbonyls *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., Pisa, Italy; Univ. Perugia, Dipartimento Sci. Terra, Perugia, Italy]*

Vol. 461 pp. 1–3 (1993)
ASHE, A.J. (III), SAVLA, P.M., The preparation of (Z)-2-lithio-*ortho*-styryllithium *via* an *ortho*-directed lithiation *[Univ. Michigan, Dept. Chem., Ann Arbor, MI, USA]*

Vol. 461 pp. 5–7 (1993)
MOTEVALLI, M., O'BRIEN, P., ROBINSON, A.J., WALSH, J.R., WYATT, P.B., JONES, A.C., The preparation, reactivity, and crystal structure of a 1:1 adduct of dimethylzinc and (-)-sparteine *[Univ. London, Queen Mary & Westfield Coll., Dept. Chem., London, England; Epichem Ltd., Wirral, Merseyside, England]*

Vol. 461 pp. 9–13 (1993)
ROLLIN, Y., GEBEHENNE, C., DERIEN, S., DUÑACH, E., PERICHON, J., Electrochemical activation of zinc in the coupling reaction of α-bromoesters with carbonyl compounds *[CNRS, Electrochim. Catalyse & Synthese Organ. Lab., Thiais, France]*

Vol. 461 pp. 15–19 (1993)
GLIDEWELL, C., PM3 study of organometallic radicals formed by elements in periodic groups 13-16 *[Univ. St. Andrews, Sch. Chem., St. Andrews, Fife, Scotland]*

Vol. 461 pp. 21–25 (1993)
HERBERICH, G.E., ENGLERT, U., POSSELT, D., Synthese of Galla-3-cyclopentenen und Struktur von $[(3,4\text{-}Me_2C_4H_4)Ga(NEt_2)]_2$ *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 461 pp. 27–30 (1993)
OVCHINNIKOV, YU.E., STRUCHKOV, YU.T., CHERNOV, N.F., TROFIMOVA, O.M., VORONKOV, M.G., Crystal structure of hypervalent silicon compounds. (N→Si)(2-benzothiazolylthiomethyl)trifluorosilane and (N→Si)(2-benzoxazolylthiomethyl)-

trifluorosilane *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Russian Acad. Sci., Siberian Branch, Inst. Organ. Chem., Irkutsk, Russia]*

Vol. 461 pp. 31–34 (1993)
EABORN, C., JONES, K.L., LICKISS, P.D., Reactions of compounds of the type $(Me_3Si)_2C(SiMe_2C_6H_4Y)(SiMe_2X)$ with trifluoroacetic-acid *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 461 pp. 35–38 (1993)
WEIDENBRUCH, M., KROKE, E., PETERS, K., VON SCHNERING, H.G., Siliciumveerbindungen mit starken intramolecularen sterischen Wechselwirkungen. LI. Arylisocyanid-Insertionen in Si-Si-Bindungen einiger Vierringe *[Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany; Max Planck Inst. Festkörperforsch., Stuttgart, Germany]*

Vol. 461 pp. 39–42 (1993)
BAUKOV, YU.I., SHIPOV, A.G., SMIRNOVA, L.S., KRAMAROVA, E.P., BYLIKIN, S.YU., OVCHINNIKOV, YU.E., STRUCHKOV, YU.T., Interaction of the (O→Ge)-chelate bis-(lactamo-*N*-methyl)-*cis*-dichlorogermanes with trimethylsilyl-triflate. Synthesis of bis-(lactamo-*N*-methyl)-*trans*-(trifluoro-methylsulfonyloxy)chlorogermanes *[Russian State Med. Univ., Moscow, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 461 pp. 43–49 (1993)
OSHITA, H., MIZOBE, Y., HIDAI, M., Preparation and properties of molybdenum and tungsten dinitrogen complexes. XLII. Preparation and characterization of W(V) diazoalkane complexes *mer,trans*-$[WX_3(NN{=}CMeR)(PMe_2Ph)_2]$(X=Br,I; R=Me, Ph) and hydrazido(2-) complex... *[Univ. Tokyo, Fac. Engn., Dept. Synthet. Chem., Tokyo, Japan]*

Vol. 461 pp. 51–60 (1993)
HERRMANN, W.A., THIEL, W.R., BROßMER, C., ÖFELE, K., PRIERMEIER, T., SCHERER, W., (Dihalogenmethyl)palladium(II)-Komplexe aus Palladium(0)-Vorstufen des Dibenzylidenacetons: Synthese, Strukturchemie und Reaktivität *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 461 pp. 61–67 (1993)
HITCHCOCK, P.B., MATOS, R.M., MEIDINE, M.F., NIXON, J.F., PASSOS, B.F.TRIGO, BARION, D., NIECKE, E., Syntheses and NMR spectroscopic characterization of transition metal complexes containing the azadiphosphetine ring-system $RP(NR')P{=}CR'$ ($R=Et_3C$, $R'={}^tBu$) *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England; Univ. Bonn, Inst. Anorgan. Chem., Bonn, Germany]*

Vol. 461 pp. 69–74 (1993)
SCHULZ, H., REDDMANN, H., AMBERGER, H.-D., Zur Elektronenstruktur metallorganischer Komplexe der f-Elemente. XXXV. Absorptions- und lumineszenzspektroscopische Charakterisierung von optisch verdünntem $Cp_3Sm(NCCH_3)_2$ *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 461 pp. 75–80 (1993)
OVCHINNIKOV, YU.E., USTINOV, M.V., IGONIN, V.A., STRUCHKOV, YU.T., KALIKHMAN, I.D., VORONKOV, M.G., Synthesis and crystal structure of two titanasilazanes *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Russian Acad. Sci., Irkutsk Inst. Organ. Chem., Irkutsk, Russia]*

Vol. 461 pp. 81–84 (1993)
YOSHIFUJI, M., TOYOTA, K., UESUGI, T., MIYAHARA, I., HIROTSU, K., X-Ray analysis of 1-phospha-1,2,3-butatriene as a ligand of carbonyltungsten complex *[Tohoku Univ., Fac. Sci., Dept. Chem., Sendai, Miyagi, Japan; Osaka City Univ., Fac. Sci., Dept. Chem., Osaka, Japan]*

Vol. 461 pp. 85–90 (1993)
TROYANOV, S.I., VARGA, V., MACH, K., Dimeric titanocene hydride-hydridomagnesium chloride and bromide complexes. Crystal structures of the tetramethylcyclopentadienyl derivatives *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Acad. Sci. Czech Rep., J. Heyrovsky Inst. Phys. Chem. & Electrochem., Prague, Czech Rep.]*

Vol. 461 pp. 91–94 (1993)
SCHULZ, A., KLAPÖTKE, T.M., Darstellung und Charakterisierung der kationischen Metallocen-Komplexe $[Cp_2Zr(CH_3CN)_3][AsF_6]_2$ und $[Cp_2NbCl_2][UF_6]$: Laborsynthese von UF_6 *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 461 pp. 95–97 (1993)
WELCH, J.T., KESKENY, E.M., TOSCANO, P.J., A novel approach to the preparation of pentacarbonyl (dialkylaminofluorocarbene) chromium compounds. Confirmation of structure by single crystal X-ray diffraction *[SUNY Albany, Dept. Chem., Albany, NY, USA]*

Vol. 461 pp. 99–109 (1993)
FILIPPOU, A.C., WANNINGER, K., MEHNERT, C., Half-sandwich aminocarbyne complexes of chromium *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 461 pp. 111–116 (1993)
SHIU, K.-B., PENG, S.-M., CHENG, M.-C., WANG, S.-L., LIAO, F.-L., Synthesis and structural characterization of two molybdenum carbonyl complexes containing dithiocarbamato ligands derived from pyrrolidine and piperidine *[Natl. Cheng Kung Univ., Dept. Chem., Tainan, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan; Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan]*

Vol. 461 pp. 117–125 (1993)
MATKOVIC-CALOGOVIC, D., MEIDER, H., PLANINIC, P., Synthesis, characterization and crystal structures of $[Mo(CO)_4]_2$TPTA and $[W(CO)_4]_2$TPTA (TPTA=1,4,8,11-tetrakis-(methyldiphenyl-phosphino)-1,4,8,11-tetraazacyclotetradecane) *[Rudjer Boskovic Inst., Dept. Phys. Chem., Zagreb, Croatia; Univ. Zagreb, Fac. Sci., Zagreb, Croatia]*

Vol. 461 pp. 127–139 (1993)
MAHABIERSING, C., DE LANGE, W.G.J., GOUBITZ, K., STUFKENS, D.J., Syntheses, structures, and spectroscopic properties of novel sulfurdiimine complexes; spectroscopic properties of the di-t-butylsulfurdiimine (DBSD) complexes $M(CO)_3Br$(DBSD-*N,N'*) (M=Mn, Re) and X-ray structures of the metal-metal bonded compou *[Univ. Amsterdam, J.H. Van't Hoff Res. Inst., Inorgan. Chem. Lab., Amsterdam, Netherlands; Univ. Amsterdam, J.H. Van't Hoff Res. Inst., Kristallog. Lab., Amsterdam, Netherlands]*

Vol. 461 pp. 141–145 (1993)
DA SILVA, J.J.R.FRAÚSTO, DA SILVA, M.F.C.GUEDES, HENDERSON, R.A., POMBEIRO, A.J.L., RICHARDS, R.L., Protonation of the nitrile ligand *versus* protonation of rhenium at *cis*- or *trans*-$[ReCl(NCC_6H_4R\text{-}4)(Ph_2PCH_2CH_2PPh_2)_2]$ (R=Cl, F, Me or MeO). A mechanistic study *[Univ. Sussex, AFRC, Inst. Plant Sci. Res., Nitrogen Fixat. Lab., Brighton, East Sussex, England; Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon,*

Portugal]

Vol. 461 pp. 147–156 (1993)
JIA, G.C., LOUGH, A.J., MORRIS, R.H., Some rhenium hydride complexes with tetradentate phosphine co-ligands: the crystal structure of $Re(H_2BEt_2)$(*racemic*-tetraphos) *[Univ. Toronto, Dept. Chem., Toronto, ONT, Canada]*

Vol. 461 pp. 157–165 (1993)
BARRAS, J.-P., DAVIES, S.G., METZLER, M.R., EDWARDS, A.J., HUMPHREYS, V.M., PROUT, K., Synthesis and reactivity of the pentamethylcyclopentadienyl iron acetyl complex [(η^5-C_5Me_5)Fe(CO)(PPh_3)COMe] *[Dyson Perrins Lab., Oxford, Oxon, England]*

Vol. 461 pp. 167–168 (1993)
LELLOUCHE, J.-P., GIGOU-BARBEDETTE, A., GRÉE, R., An unusual epimerization in the diene tricarbonyliron series *[ENSCR, CNRS, URA 1467, Synth. & Activat. Biomolec. Lab., Rennes, France; CENS, Serv. Molec. Marquees, Gif sur Yvette, France]*

Vol. 461 pp. 169–172 (1993)
BRUNET, J.-J., NEIBECKER, D., SRIVASTAVA, R.S., The reaction of[PPN][$HFe(CO)_4$] with styrene in THF: an unexpected and facile synthesis of $[PPN]_2[Fe_2(CO)_8]$ *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 461 pp. 173–175 (1993)
KAKO, M., OBA, S., NAKADAIRA, Y., 1,1-Dimesityl-1-silacyclopenta-2,4-diene: A stable carbon-unsubstituted silole *[Univ. Electrocommun, Dept. Chem., Chofu, Tokyo, Japan]*

Vol. 461 pp. 177–185 (1993)
BUHL, M.L., LONG, G.J., A Mössbauer-effect and Fenske-Hall molecular orbital study of some sulfur containing organoiron-cobalt clusters *[Univ. Missouri, Dept. Chem., Rolla, MO, USA]*

Vol. 461 pp. 187–199 (1993)
BUHL, M.L., LONG, G.J., DOYLE, G., A Mössbauer effect and Fenske-Hall molecular orbital study of the bonding in a series of organoiron-copper clusters *[Univ. Missouri, Dept. Chem., Rolla, MO, USA; Geocenters Inc., Lake Hopatcong, NJ, USA]*

Vol. 461 pp. 201–205 (1993)
SURAVAJJALA, S., POLAM, J.R., PORTER, L.C., Bis(arene) complexes of Ru^{II}. Synthesis, crystal structure and electrochemical behavior of [bis(η^6-*p*-isopropyltoluene)Ru](BF_4)$_2$ *[Univ. Texas, Dept. Chem., El Paso, TX, USA]*

Vol. 461 pp. 207–213 (1993)
YEH, W.-Y., CHEN, S.-L., PENG, S.-M., LEE, G.-H., Synthesis, crystal structure and reactivity of $Os_3(CO)_9(\mu_3$-η^2-$C_2Ph_2)(\mu$-C(OMe)Ph) *[Natl. Sun Yat Sen Univ., Dept. Chem., Kaohsiung, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 461 pp. 215–227 (1993)
ZHOU, Z.X., JABLONSKI, C., BRIDSON, J., Synthesis, structure and solution conformation of some [(η^5-indenyl)(I_{2-n})(R)(L_n)Co^{III}]$^{(n-1+}$ (n=1,2; R=perfluoroalkyl; L=P-donor) complexes *[Mem. Univ. Newfoundland, Dept. Chem., St. Johns, NF, Canada]*

Vol. 461 pp. 229–232 (1993)
GAVRILOV, K.N., MICHEL, I.S., TELESHEV, A.T., NIFANTYEV, E.E., Complexation of rhodium(I) with hydrophosphorane derivatives of bicyclo(3.3.0)-1-phospha-2,8-dioxa-5-aza-octane *[V.I. Lenin State Pedag Univ., Div. Organ. Chem., Moscow, Russia]*

Vol. 461 pp. 233–236 (1993)
GAVRILOV, K.N., TELESHEV, A.T., NIFANTYEV, E.E., Chlorocarbonyl rhodium(I) complexes with chiral catecholphosphitoamines *[V.I. Lenin State Pedag Univ., Div. Organ. Chem., Moscow, Russia]*

Vol. 461 pp. 237–245 (1993)
NIXON, J.F., SILLETT, G.J.D., ^{31}P and ^{195}Pt NMR studies on fluxional η^1-ligated 1,2,4-triphosphacyclopentadienyl palladium(II) and platinum(II) complexes *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 461 pp. C1–C3 (1993)
SCHEER, M., BECKER, U., HUFFMAN, J.C., CHISHOLM, M.H., P_x ligands with a maximum of electron-donating ability. VI. [$CoCp''(\eta^4$-$P_4)\{Cr(CO)_5\}_3$]($Cp''=\eta^5$-$C_5H_3{}^tBu_2$-1,3), the product of the reaction between P_4 and [$CoCp''(\mu$-CO)]$_2$ in the presence of [$Cr(CO)_5$THF] *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Halle, Germany; Indiana Univ., Dept. Chem., Bloomington, IN, USA; Indiana Univ., Ctr. Molec. Struct., Bloomington, IN, USA]*

Vol. 461 pp. C4–C6 (1993)
GHILARDI, C.A., MIDOLLINI, S., ORLANDINI, A., SCAPACCI, G., VACCA, A., Synthesis, NMR spectra and X-ray crystal structure of the trinuclear complex [$CH_3C\{CH_2SPtH(PPh_3)\}_3$]·$CH_2Cl_2$ *[CNR, Ist. Studio Stereochim. & Energet. Composti Coord., Florence, Italy]*

Vol. 462 pp. 1–6 (1993)
DIAS, H.V.R., OLMSTEAD, M.M., RUHLANDT-SENGE, K., POWER, P.P., The X-ray crystal structures of the mononuclear silyllithium species $Li(THF)_3SiPh_3$ and $Li(THF)_2Si(SiMe_3)_3$ *[Univ. Calif. Davis, Dept. Chem., Davis, CA, USA]*

Vol. 462 pp. 7–12 (1993)
LEUNG, W.-P., LEE, H.K., ZHOU, Z.-Y., MAK, T.C.W., Reactions of pyridine-functionalized lithium alkyls with nickelocenes and nickel(II) chloride: respective formation of cyclopentadienylnickelalkyls and coupled organic products... *[Chinese Univ. Hong-Kong, Sha-tin, Hong-Kong]*

Vol. 462 pp. 13–18 (1993)
ARDUENGO, A.J., DIAS, H.V.R., DAVIDSON, F., HARLOW, R.L., Carbene adducts of magnesium and zinc *[Du Pont Sci. & Engn. Labs, Ctr. Res. & Dev., Exptl. Stn., Wilmington, DE, USA]*

Vol. 462 pp. 19–29 (1993)
COULT, R., FOX, M.A., GILL, W.R., HERBERTSON, P.L., MACBRIDE, J.A.H., WADE, K., C-arylation and C-heteroarylation of icosahedral carboranes via their copper(I) derivatives *[Univ. Durham, Dept. Chem., Durham, England]*

Vol. 462 pp. 31–37 (1993)
BOCK, H., MEURET, J., RUPPERT, K., Structures of sterically overcrowded or charge perturbed molecules. XXVIII. [$(H_3C)_3Si]_3C$-C≡C-C[$Si(CH_3)_3]_3$ – a π-system concealed by a hydrocarbon veil *[Univ. Frankfurt, Inst. Inorgan. Chem., Frankfurt, Germany]*

Vol. 462 pp. 39–43 (1993)
BURTON, N.C., CLOKE, F.G.N., JOSEPH, S.C.P., KARAMALLAKIS, H., SAMEH, A.A., Trimethylsilyl derivatives of cyclooctatetraene *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 462 pp. 45–55 (1993)
AL-JUAID, S.S., EABORN, C., HABTEMARIAM, A., HITCHCOCK, P.B., SMITH, J.D., TAVAKKOLI, K., WEBB, A.D., The preparation and crystal structures of the compounds $(Ph_2MeSi)_3CMCl$ (M=Zn, Cd, or Hg) *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 462 pp. 57–67 (1993)
JUTZI, P., KLEIMEIER, J., KRALLMANN, R., STAMMLER, H.-G., NEUMANN, B., Pentamethyldisilanyl-substituierte Cyclopentadiene: Synthese, Struktur und dynamisches Verhalten *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 462 pp. 69–78 (1993)
HAGEN, C., REDDMANN, H., AMBERGER, H.-D., EDELMANN, F.T., PEGELOW, U., SHALIMOFF, G.V., EDELSTEIN, N.M., Zur Elektronenstruktur metallorganischer Verbindungen der *f*-Elemente. XXXIV. Ist der *N,N'*-bis(trimethylsilyl)benzamidinato-Ligand im Falle von Lanthanoid-Zentralionen ein elektonisches Aquivalent zum η^5-Cyclopentadienyl-Liganden? *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany; Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany; Westfal Wilhelms Univ., Inst. Phys. Chem., Münster, Germany; Univ. Calif., Lawrence Berkeley Lab., Berkeley, CA, USA]*

Vol. 462 pp. 79–87 (1993)
VAN TIEL, M., MACKAY, K.M., NICHOLSON, B.K., Preparation and structures of mixed silicon-cobalt carbonyl clusters with Si–H, Si–O or Si–S bonds *[Univ. Waikato, Sch. Sci. & Technol., Hamilton, New Zealand]*

Vol. 462 pp. 89–95 (1993)
RIVIERE-BAUDET, M., KHALLAAYOUN, A., SATGÉ, J., Stable germa-imines: synthesis and reactivity of orthosubstituted anilinodimesitylgerma-imines *[Univ. Paul Sabatier, CNRS, UA 477, Chim. Organomineraux Lab., Toulouse, France]*

Vol. 462 pp. 97–102 (1993)
CASTEL, A., RIVIERE, P., SATGÉ, J., Recent developments in arylgermyl and arylhydridogermanium-metal compounds *[Univ. Paul Sabatier, CNRS, UA 477, Chim. Organomineraux Lab., Toulouse, France]*

Vol. 462 pp. 103–106 (1993)
MERCIER, F., MATHEY, F., A new type of water-soluble phosphine for biphasic catalysis *[Ecole Polytech., CNRS, URA 1499, Heteroelements & Coordinat. Lab., Palaiseau, France]*

Vol. 462 pp. 107–110 (1993)
BLUMENTHAL, A., BISSINGER, P., SCHMIDBAUR, H., The crystal and molecular structure of tricyclohexylphosphine(trimethylsilyl)-borane $Cy_3P{\cdot}BH_2SiMe_3$ *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 462 pp. 111–123 (1993)
BRAUER, D.J., CICCU, A., FISCHER, J., HEßLER, G., STELZER, O., SHELDRICK, W.S., Chloromethylchlorophosphane R(Cl)P-CH_2-Cl-Synthone für den Aufbau von Phosphaalkenen im Metalltemplat *[Univ. Gesamthsch. Wuppertal, Wuppertal, Germany; Ruhr Univ. Bochum, Fac. Chem., Dept. Analyt. Chem., Bochum, Germany]*

Vol. 462 pp. 125–130 (1993)
TIAN, Z.G., TUCK, D.G., The oxidation of diphenyl ditelluride by substituted orthobenzoquinones, and the molecular structure of $[(Cl_4C_6O_2)TeC_6H_5]_2O$ *[Univ. Windsor, Dept. Chem. & Biochem., Windsor, ONT, Canada]*

Vol. 462 pp. 131–139 (1993)
BLOM, R., HAMMEL, A., HAALAND, A., WEIDLEIN, J., TIMOFEEVA, T.V., STRUCHKOV, YU.T., Molecular structures of tris(methylcyclopentadienyl)-scandium and -ytterbium as studied by gas phase electron diffraction and molecular mechanics calculations: the scandium atom is too small to accommodate three pentahapto cyclopentadienyl rings *[Univ. Oslo, Dept. Chem., Oslo, Norway; Russian State Med. Univ., Moscow, Russia; , Stuttgart, Germany]*

Vol. 462 pp. 141–148 (1993)
EVANS, W.J., BOYLE, T.J., ZILLER, J.W., New coordination environments for yttrium formed *in situ* by heterometallic bridging: crystal structures of $(C_5H_4SiMe_3)Y[(\mu\text{-}OCMe_3)(\mu\text{-}Me)\text{-}AlMe_2]_2$ and $(Me_3SiCH_2)Y[(\mu\text{-}CH_2)_2SiMe_2][(\mu\text{-}OR)Li(THF)_2]_2$ *[Univ. Calif. Irvine, Dept. Chem., Irvine, CA, USA]*

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LASKE, D.A., DUCHATEAU, R., TEUBEN, J.H., SPEK, A.L., Synthesis of new bis(cyclopentadienyl)yttrium complexes with ether functionalized cyclopentadienyl ligands. Crystal structure of $[(C_5H_4CH_2CH_2OMe)_2Y(\mu\text{-}H)_2BH_2]$ *[Univ. Groningen, Dept. Chem., Groningen Ctr. Catalysis & Synth., Groningen, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 462 pp. 155–161 (1993)
SCHUMANN, H., GLANZ, M., HEMLING, H., GÖRLITZ, F.H., Metallorganische Verbindungen der Lanthanoide. LXXVIII. Bis(pentamethylcyclopentadienyl)[4-(1,2,3,4,5-pentamethylcyclopentadien-1-yl)butoxy](tetrahydrofuran)-lanthanoide *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 462 pp. 163–174 (1993)
ANWANDER, R., HERRMANN, W.A., SCHERER, W., MUNCK, F.C., Lanthanoiden-Komplexe. VI. Monomere homoleptische $Ln(R^{Da}Cp)_3$-Komplexe (Ln=La, Nd) mit aminofunktionalisierten Cyclopentadienyl-Liganden *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 462 pp. 175–182 (1993)
STULTS, S.D., ANDERSEN, R.A., ZALKIN, A., Preparation of $(Me_3CC_5H_4)_4M_2(\mu\text{-}Me)_2$(M=Ce or U) and the crystal structure of the cerium derivative *[Univ. Calif. Berkeley, Dept. Chem., Berkeley, CA, USA; Univ. Calif., Lawrence Berkeley Lab., Berkeley, CA, USA]*

Vol. 462 pp. 183–190 (1993)
DEACON, G.B., FALLON, G.D., FORSYTH, C.M., Organolanthanoids. XVIII. The synthesis and X-ray crystal structure of di[μ-chlorobis(diphenylphosphino-η^5-cyclopentadienyl)ytterbium(III)] *[Monash Univ., Dept. Chem., Clayton, VIC, Australia]*

Vol. 462 pp. 191–201 (1993)
CUENCA, T., FLORES, J.C., ROYO, P., Dicyclopentadienyl-titanium and -zirconium complexes as catalysts for hydrogenation of olefins *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

Vol. 462 pp. 203–207 (1993)
KURZ, S., HEY-HAWKINS, E., Synthese und Krystallstruktur von $Cp^0{}_2Zr\{P(2,4,6\text{-}Me_3C_6H_2)P(2,4,6\text{-}Me_3C_6H_2)\}$ ($Cp^0=\eta^5$-C_5Me_4Et). Erste röntgenstrukturanalytische Untersuchung eines Zirconocen-Diphosphen-Komplexes *[Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany]*

Vol. 462 pp. 209–211 (1993)
GREEN, M.L.H., MORISE, X., Divalent η-arene(bis-η-allyl) derivatives of zirconium and hafnium *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 462 pp. 213–220 (1993)
ANTONELLI, D.M., SCHAEFER, W.P., PARKIN, G., BERCAW, J.E., Synthesis and characterization of $(\eta^5\text{-}C_5Me_5)_2TaCl(THF)$, a useful synthetic precursor for the preparation of oxo, imido and methylidene derivatives of permethyltantalocene *[Cal. Inst. Tech., Arnold & Mabel Beckman Labs Chem. Synth., Pasadena, CA, USA]*

Vol. 462 pp. 221–224 (1993)
PERERA, S.D., SHAW, B.L., THORNTON-PETT, M., VESSEY, J.D., Crystal structure, and variable temperature proton and carbon-13 NMR spectra of the 9-membered ring complex $[Cr(CO)_4\{E,Z\text{-}PPh_2CH_2C(^tBu)=N\text{-}N=C(^tBu)CH_2PPh_2\}]$ *[Univ. Leeds, Sch. Chem., Leeds, West Yorkshire, England]*

Vol. 462 pp. 225–234 (1993)
SEEBALD, S., MAYER, B., SCHUBERT, U., Übergangsmetall-Stannyl-Komplexe. VIII. Unterschiedlicher Verlauf der Umsetzung von $Cp_2Mo(H)ER_3$ (ER_3 = $SiMePh_2$ und $SnPh_3$) mit Butyllithium. Substitutions-Reaktionen des anionischen Stannyl-Komplexes $[Cp_2Mo\text{-}SnPh_3]^-$ und Bildu *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 462 pp. 235–241 (1993)
MANOJLOVIC-MUIR, L., MUIR, K.W., RENNIE, M.-A., XIAO, J.L., PUDDEPHATT, R.J., Syntheses and structures of *trans*-$[ReX(CO)(Ph_2PCH_2PPh_2)_2]$(X = Cl, $OreO_3$), including a rhenium(I)-rhenium(VII) complex *[Univ. Glasgow, Dept. Chem., Glasgow, Lanark, Scotland; Univ. Western Ontario, Dept. Chem., London, ONT, Canada]*

Vol. 462 pp. 243–246 (1993)
COTTON, J.D., BYRIEL, K.A., KENNARD, C.H.L., SCHECK, T., LYNCH, D.E., Structures of $[^tBucpFe(CO)_2]_2$ and $[^tBu_2cpFe(CO)_2]_2$ *[Univ. Queensland, Dept. Chem., Brisbane, QLD, Australia; Queensland Univ. Technol., Sch. Chem., Brisbane, QLD, Australia]*

Vol. 462 pp. 247–257 (1993)
CLARK, T.J., KILLIAN, C.M., LUTHRA, S., NILE, T.A., Synthesis and properties of sterically congested cyclopentadienes and their transition metal complexes *[Univ. North Carolina, Dept. Chem., Greensboro, NC, USA]*

Vol. 462 pp. 259–264 (1993)
HERNANDEZ, C., SHARMA, H.K., PANNELL, K.H., Synthesis and photolysis of the five possible isomeric phenyl-hexamethyltrisilyl-(cyclopentadienyldicarbonyliron)complexes: $(\eta^5\text{-}C_5H_5)Fe(CO)_2\text{-}Si_3Me_6Ph$ *[Univ. Texas, Dept. Chem., El Paso, TX, USA]*

Vol. 462 pp. 265–270 (1993)
ATHERTON, Z., FAULKNER, C.W., INGHAM, S.L., KAKKAR, A.K., KHAN, M.S., LEWIS, J., LONG, N.J., RAITHBY, P.R., Rigid rod σ-acetylide complexes of iron, ruthenium and osmium *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 462 pp. 271–286 (1993)
BRAUNSTEIN, P., FAURE, T., KNORR, M., BALEGROUNE, F., GRANDJEAN, D., Bimetallic alkoxysilyl complexes with bis(diphenylphosphino)methane, 2-(diphenylphosphino)pyridine or (diphenylphosphino)acetophenone ligands: crystal structure of $[Fe\{\mu\text{-}Si(OMe)_2(OMe)\}(CO)_3(\mu\text{-}dppm)Pt(C{\equiv}NR)][PF_6]$ (R = 2,6-xylyl) *[Univ. Strasbourg 1, CNRS, URA 416, Chim. Coordinat. Lab., Strasbourg, France; Univ. Rennes 1, CNRS, URA 1495, Cristallochim. Lab., Rennes, France]*

Vol. 462 pp. 287–293 (1993)
ABEL, E.W., LONG, N.J., ORRELL, K.G., SIK, V., WARD, G.N., Dynamic NMR studies of 1,1',2,2'-bis(1,2,3-trithia-[3]) ferrocenophane and some mixed sulphur/selenium-bridged derivatives *[Univ. Exeter, Dept. Chem., Exeter, Devon, England]*

Vol. 462 pp. 295–300 (1993)
CHAPPELL, S.D., ENGELHARDT, L.M., WHITE, A.H., RASTON, C.L., Axially asymmetric metal alkyls. VIII. The ruthenium metallacycle $[Ru\{(2\text{-}CH_2C_6H_4)_2\}(PPhMe_2)_3]$ and o-metallated $[Ru\{PC_6H_4(Me)_2\}X(PPhMe_2)_3]$ (X = Cl, Br) *[Griffith Univ., Fac. Sci. & Technol., Brisbane, QLD, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 462 pp. 301–308 (1993)
BRAGA, D., GREPIONI, F., PARISINI, E., DYSON, P.J., JOHNSON, B.F.G., REED, D., SHEPHERD, D.S., BAILEY, P.J., LEWIS, J., The synthesis, structural characterization and variable temperature ^{1}H-NMR study of the bis-toluene hexaruthenium carbidocarbonyl cluster $[Ru_6C(CO)_{11}(\eta^6\text{-}C_6H_5Me)(\mu_3\text{-}\eta^2\text{:}\eta^2\text{:}\eta^2\text{-}C_6H_5Me)]$ *[Univ. Bologna, Dipartimento Chim. G. Ciamician, Bologna, Italy; Heriot Watt Univ., Dept. Chem., Edinburgh, Midlothian, Scotland; Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 462 pp. 309–318 (1993)
WERNER, H., DANIEL, T., KNAUP, W., NÜRNBERG, O., Arene and cyclopentadienyl half-sandwich complexes of ruthenium with oximates, carboxylates, imines and azavinylidenes as ligands *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 462 pp. 319–329 (1993)
HITCHCOCK, P.B., MATOS, R.M., NIXON, J.F., Syntheses and ^{31}P NMR-studies of ruthenium(II), rhodium(I), and rhodium(III) complexes containing $\eta^5\text{-}P_2C_3{}^tBu_3$ and η^5- and $\eta^1\text{-}P_3C_2{}^tBu_2$ ligated ring systems... *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 462 pp. 331–341 (1993)
CLARK, G.R., FLOWER, K.R., RICKARD, C.E.F., ROPER, W.R., SALTER, D.M., WRIGHT, L.J., Oxidative addition of Group 14 hydrides to osmium(O), osmium(II) and ruthenium(O) complexes. Crystal structures of $Os(SiEt_3)H(CO)_2(PPh_3)_2$ and $Os(Ge[p\text{-tolyl}]_3)H(CO)_2(PPh_3)_2$ *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 462 pp. 343–345 (1993)
UNO, M., KOMATSUZAKI, N., SHIRAI, K., TAKAHASHI, S., Synthesis of planar-chiral cobalticinium complexes and their properties as chiral anion receptors *[Osaka Univ., Inst. Sci. & Ind. Res., Ibaraki, Osaka, Japan]*

Vol. 462 pp. 347–352 (1993)
HEATON, B.T., JACOB, C., MOFFET, S., A spectroscopic study of halocarbonyl complexes of rhodium(I) and (III) *[Univ. Liverpool, Dept. Chem., Liverpool, Merseyside, England; Univ. Kent, Chem. Lab., Canterbury, Kent, England]*

Vol. 462 pp. 353–363 (1993)
GOLDBERG, J.E., JEFFERY, J.C., STONE, F.G.A., Studies on the complex $[Rh\{\sigma,\eta^5\text{-}7,9\text{-}C_2B_9H_{10}[C(H)C_6H_4Me\text{-}4]\text{-}10\}(CO)(PPh_3)]$; crystal structure of the compound $[Rh(CO)(PPh_3)\{\eta^5\text{-}7,9\text{-}C_2B_9H_{10}[C(H)(C_6H_4Me\text{-}4)(PEt_3)]\text{-}10\}]$ *[Baylor Univ., Dept. Chem., Waco, TX, USA; Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 462 pp. 365–374 (1993)
HAGGITT, J.L., MINGOS, D.M.P., Synthesis and interconversion of *triangulo* cluster compounds of platinum with isocyanide and phosphine ligands *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England; Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 462 pp. 375–378 (1993)
SPEIER, G., SZABÓ, L., FÜLÖP, V., Preparation and molecular structure of an adipinato copper norbornadiene complex *[Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary; Hungarian Acad. Sci., Petrochem. Res. Grp., Veszprém, Hungary; Hungarian Acad. Sci., Cent. Res. Inst. Chem., Budapest, Hungary]*

Vol. 462 pp. C1–C2 (1993)
DUTREMEZ, S.G., LESLIE, D.B., STREIB, W.E., CHISHOLM, M.H., CAULTON, K.G., $<$hb(3,5-Me_2pyrazolyl)$_3$$^-$ as an encapsulating ligand for Ba^{II} *[Indiana Univ., Dept. Chem., Bloomington, IN, USA; Indiana Univ., Ctr. Molec. Struct., Bloomington, IN, USA]*

Vol. 462 pp. C3–C5 (1993)
KARSCH, H.H., BAUMGARTNER, G., GAMPER, S., A novel tricycle with a planar tetragermanium(I) four-membered ring *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 462 pp. C6–C9 (1993)
BUTLER, I.R., CULLEN, W.R., EINSTEIN, F.W.B., JONES, R.H., The regiospecific reaction of diphenylacetylene with bis(cyclopentadienyl)(*o*-fluorobenzyne)titanium. The crystal structure of the $Cr(CO)_3$, derivative of 1,1-bis(cyclopentadienyl)-2,3-diphenyl-7-fluorotitanole *[Univ. British Columbia, Dept. Chem., Vancouver, BC, Canada; Simon Fraser Univ., Dept. Chem., Burnaby, BC, Canada]*

Vol. 462 pp. C10–C11 (1993)
CALDERAZZO, F., DE BENEDETTO, G.E., PAMPALONI, G., ROCCHI, L., ENGLERT, U., Redox reactions of vanadium(0) and niobium(0) bis(mesitylene) (mes) derivatives with metal carbonyl halides of Group 7. The crystal and molecular structure of $[mes(CO)_2Nb(\mu\text{-}I)_2Re(CO)_3]$, a metal-metal bonded heterobimetallic complex *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., Sez. Chim. Inorgan., Pisa, Italy; Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 462 pp. C12–C14 (1993)
GIBSON, V.C., POOLE, A.D., SIEMELING, U., WILLIAMS, D.N., CLEGG, W., HOCKLESS, D.C.R., Niobium and tantalum methyl complexes containing imido and cyclopentadienyl ligands. Crystal structure of $[Nb(\eta\text{-}C_5H_5)(N^tBu)(Me)(Cl)]$ *[Univ. Durham, Dept. Chem., Durham, England; Univ. Newcastle Upon Tyne, Dept. Chem., Newcastle upon Tyne, Tyne & Wear, England]*

Vol. 462 pp. C15–C17 (1993)
DYER, P.W., GIBSON, V.C., HOWARD, J.A.K., WILSON, C., Synthesis, structural characterization and reactivity of the d^2 pseudo-metallocene complex $Mo(N\text{-}2,6\text{-}^iPr_2C_6H_3)_2(PMe_3)_2$ *[Univ. Durham, Dept. Chem., Durham, England]*

Vol. 462 pp. C18–C20 (1993)
PIRIO, N., TOUCHARD, D., DIXNEUF, P.H., Novel secondary allenylidene ruthenium complexes and preparation of *trans*-$[(dppm)_2(H)Ru\text{-}C{\equiv}C\text{-}CH(OMe)R]$ derivatives *[Univ. Rennes 1, CNRS, URA 415, Chim. Coordinat. Organ. Lab., Rennes, France]*

Vol. 462 pp. C21–C23 (1993)
FOGG, D.E., JAMES, B.R., Chiral phosphine complexes of ruthenium(II) arenes *[Univ. British Columbia, Dept. Chem., Vancouver, BC, Canada]*

Vol. 462 pp. C24–C26 (1993)
CORRIGAN, J.F., DOHERTY, S., TAYLOR, N.J., CARTY, A.J., BORONI, E., TIRIPICCHIO, A., New electron rich Ru_3P_4 and Ru_4P_3 phosphido clusters: synthesis and molecular structures of the expanded triangular and butterfly clusters $\mu_3\text{-}H)Ru_3(CO)_6(\mu\text{-}PPh_2)_3[\mu\text{-}P(Ph)C_6H_4]$... *[Univ. Waterloo, Guelph Waterloo Ctr. Grad. Work Chem., Dept. Chem., Waterloo, ONT, Canada; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy]*

Vol. 462 pp. C27–C28 (1993)
CARDIN, C.J., POWER, M.B., CARDIN, D.J., Synthesis and structure of $Ir_4Sn_3(CO)_6\{CH(SiMe_3)_2\}_5O_3$; a heterometallic 'raft' with sail hoisted! *[Univ. Reading, Dept. Chem., Reading, Berks, England; Univ. Dublin, Trinity Coll., Dept. Chem., Dublin, Ireland]*

Vol. 463 pp. 1–5 (1993)
NELSON, D.J., NAGARAJAN, A., The reaction of 1-chloro-2-methyl-1-propenyllithium with a selection of organolithiums. The development and synthetic utility of novel base/nucleophile combinations *[Univ. Oklahoma, Dept. Chem. & Biochem., Norman, OK, USA]*

Vol. 463 pp. 7–21 (1993)
MARKIES, P.R., VILLENA, A., AKKERMAN, O.S., BICKELHAUPT, F., SMEETS, W.J.J., SPEK, A.L., Intra-annular reactions of the (1,3-xylylene)-18-crown-5 system: synthesis and crystal structure of [2(bromomagnesio)-1,3-xylylene]-18-crown-5, [2(bromomercurio)-1,3-xylylene]-18-crown-5 and bis[(1,3-xylylene-18-crown-5)-2-yl]mercury *[Free Univ. Amsterdam, Scheikundig Lab., Amsterdam, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 463 pp. 23–27 (1993)
INDOLESE, A., CONSIGLIO, G., Influence of the extent of conversion on enantioselectivity in the nickel-catalyzed cross-coupling reaction *[ETH Zentrum, Dept. Ind. & Engn. Chem., Zürich, Switzerland]*

Vol. 463 pp. 29–35 (1993)
ATWOOD, D.A., ATWOOD, V.O., CARRIKER, D.F., COWLEY, A.H., GABBAI, F.P., JONES, R.A., BOND, M.R., CARRANO, C.J., Short Ga···H-N distances in gallium amine and amide complexes *[Univ. Texas, Dept. Chem. & Biochem., Austin, TX, USA; South-West Texas State Univ., Dept. Chem., San Marcos, TX, USA]*

Vol. 463 pp. 37–40 (1993)
LOOS, D., SCHNÖCKEL, H., (Cyclopentadienyl)-gallium(I)-Verbindungen *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 463 pp. 41–45 (1993)
BEHBEHANI, H., BRISDON, B.J., MAHON, M.F., MOLLOY, K.C., MAZHAR, M., The structure of 1,1,3,3,5,5-hexaphenyl-1,3-5-trisiloxane-1,5-diol *[Univ. Bath, Sch. Chem., Bath, Avon, England; Quaid I Azam Univ., Dept. Chem., Islamabad, Pakistan]*

Vol. 463 pp. 47–50 (1993)
HABEL, W., OELSCHLÄGER, A., SARTORI, P., Synthese und charakterisierung von Poly(dialkylsilylen-co-methylenen) *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany]*

Vol. 463 pp. 51–63 (1993)
WESTERHAUSEN, M., SCHWARZ, W., Synthese und spectroskopische Charakterisierung von Erdalkalimetall-bis[bis(trimethylsilyl)phosphaniden] – Molekülstrukturen von $Ca[P(SiMe_3)_2]_2{\cdot}2TMTA$ und $Ba[Pa(SiMe_3)_2]_2{\cdot}4THF$ *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

Vol. 463 pp. 65–71 (1993)
STEINBORN, D., LUDWIG, M., Untersuchungen zum electronischen Einfluß von Organoliganden. XI. Synthese und Charakterisierung von Organorhodium bis(dimethyl-glyoximato)-triphenylphosphin-Komplexen *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Halle, Germany]*

Vol. 463 pp. 73–76 (1993)
UHLIG, W., Zur Reaktivität aminosubstituierter Disilane und Germylsilane gegenüber Trifluoromethansulfonsäure

[Martin Luther Univ. Halle Wittenberg, Inst. Allgemeine & Anorgan. Chem., Halle, Germany]

Vol. 463 pp. 77–84 (1993)
DING, K.L., WU, Y.J., WANG, Y., ZHU, Y., YANG, L., Transmetallation reaction of Schiff-base-type arylmercury compounds with metallic tin *[Zhengzhou Univ., Dept. Chem., Zhengzhou, P.R. China; Lanzhou Univ., Natl. Lab. Appl. Organ. Chem., Lanzhou, P.R. China]*

Vol. 463 pp. 85–90 (1993)
CLARK, E.N., HARRISON, P.G., Tin oxide surfaces. XXII. Fourier transform infrared study of the thermal decomposition of organotin-substituted tin(IV) oxide gels *[Univ. Nottingham, Dept. Chem., Nottingham, England]*

Vol. 463 pp. 91–96 (1993)
MARTÍNEZ, E. GARCÍA, GONZÁLEZ, A.SÁNCHEZ, CASAS, J.S., SORDO, J., CASELLATO, U., GRAZIANI, R., RUSSO, U., Organotin compounds with 1-methyl-2(3 *H*)-imidazolinethione. The crystal and molecular structure of dichlorobis[1-methyl-2(3*H*)-imidazolinethione]diphenyltin(IV) *[Univ. Santiago de Compostela, Dept. Quim. Inorgan., Santiago, Spain; CNR, Ist. Chim. & Tecnol. Radioelementi, Padua, Italy; Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy]*

Vol. 463 pp. 97–101 (1993)
GROSHENS, T.J., HIGA, K.T., BUTCHER, R.J., Synthesis and characterization of compounds with a Group 12-Arsenic Bond. The crystal structure of $[^tBuZnAs(^tBu)_2]_2$ *[USN, Ctr. Air Warfare, Div. Weapons, Res. Dept., Div. Chem., China Lake, CA, USA; Howard Univ., Dept. Chem., Washington, DC, USA]*

Vol. 463 pp. 103–107 (1993)
COLLIN, J., DE MATOS, A. PIRES, SANTOS, I., Preparation and characterization of an (iodobutoxy)[hydridotris(3,5-dimethylpyrazol-1-yl)borate]uranium complex *[Univ. Paris 11, Inst. Chim. Molec. Orsay, CNRS, URA 1497, Synth. Asymetr. Lab., Orsay, France; ICEN, LNETI, Dept. Quim., Sacavém, Portugal]*

Vol. 463 pp. 109–114 (1993)
RABAA, H., SAILLARD, J.-Y., LE BEUZE, A., Structure électronique du complexe organométallique binucléaire du biphényle $\{(\eta^6{:}\eta^6\text{-}C_{12}H_{10})[Cr(CO)_3]_2\}$ et de son dianion $\{(\eta^5{:}\eta^5\text{-}C_{12}H_{10})[Cr(CO)_3]_2\}^{2-}$ *[Univ. Ibn Tofail, Fac. Sci., Chim. Theor. Lab., Kénitra, Morocco; Univ. Rennes 1, CNRS, URA 1495, Chim. Solide & Inorgan. Molec. Lab., Rennes, France]*

Vol. 463 pp. 115–120 (1993)
KLAPÖTKE, T.M., SCHULZ, A., CAMERON, T.S., BAKSHI, P.K., Das Reaktionsverhalten von Cp_2MoCl_2 gegenüber WF_6 und $NOBF_4$ - Struktur von $[Cp_2MoCl_2][BF_4]$ *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Dalhousie Univ., Dept. Chem., Halifax, NS, Canada]*

Vol. 463 pp. 121–125 (1993)
CANO, M., PANIZO, M., CAMPO, J.A., TORNERO, J., MENÉNDEZ, N., Heterobimetallic Mo-Sn complexes with seven-coordinate molybdenum and five-coordinate tin *[Univ. Complutense Madrid, Fac. Ciencias Quim., Dept. Quim. Inorgan., Madrid, Spain; Univ. Autonoma Madrid, Dept. Quim. Fis. Aplicada, Madrid, Spain]*

Vol. 463 pp. 127–133 (1993)
BARRADO, G., MIGUEL, D., PÉREZ-MARTÍNEZ, J.A., RIERA, V., GARCÍA-GRANDA, S., Seven-coordinate molybdenum complexes containing $SnRCl_2$ and phosphorodithioate. X-Ray structure of $[Mo(CO)_2\{P(OMe)_3\}_2\{S_2P(OEt)_2\}(SnBuCl_2)]$ *[Univ. Oviedo, Fac. Quim., Dept. Quim. Organomet., Oviedo, Spain; Univ. Oviedo, Fac. Quim., Dept. Quim. Fis. & Analit., Oviedo, Spain]*

Vol. 463 pp. 135–142 (1993)
FILIPPOU, A.C., VÖLKL, C., ROGERS, R.D., Metal-centered C-C coupling of nitriles with 1-azaallyl ligands; synthesis and structure of β-diiminato complexes of tungsten *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; North Illinois Univ., Dept. Chem., De Kalb, IL, USA]*

Vol. 463 pp. 143–150 (1993)
BERMEJO, M.-J., RUIZ, J.-I., SOLANS, X., VINAIXA, J., Dynamic behaviour of octahedral complexes of manganese. I. X-Ray crystal structure of *fac*-$[Mn(\eta^1\text{-}1,8\text{-naphthyridine})\text{-}\eta^2\text{-}1,8\text{-naphthyridine})(CO)_3]ClO_4\cdot CH_2Cl_2$ *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Barcelona, Dept. Cristallog. Mineral & Diposits Minerals, Barcelona, Spain]*

Vol. 463 pp. 151–154 (1993)
SIEMELING, U., JUTZI, P., BILL, E., TRAUTWEIN, A.X., Zu Metall-Metall-Wechselwirkungen in Komplexen eines doppelt Dimethylsilandiyl-verbrückten Dicyclopentadienyl-Liganden *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany; Med. Univ. Lübeck, Inst. Phys., Lübeck, Germany]*

Vol. 463 pp. 155–162 (1993)
HITCHCOCK, P.B., MADDEN, T.J., NIXON, J.F., Reactions of $[Fe_2(CO)_6(\mu\text{-}CO)(\mu\text{-}dppm)]$, with PhC≡CH and the phosphaalkyne, $^tBuC{\equiv}P$. Crystal and molecular structures of the four diiron complexes $[Fe_2(CO)_4(\mu\text{-}CO)(\mu\text{-}dppm)_2]$, $[Fe_2(CO)_5(\mu\text{-}dppm)(\mu\text{-}\eta^2\text{-}CHC(CO)Ph]$... (*[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

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MUELLER-WESTERHOFF, U.T., YANG, Z., INGRAM, G., A simple synthesis of metallocene aldehydes from lithiometallocenes and *N,N*-dimethylformamide: ferrocene and ruthenocene aldehydes and 1,1'-dialdehydes *[Univ. Connecticut, Dept. Chem., Storrs, CT, USA]*

Vol. 463 pp. 169–177 (1993)
HAMAMURA, K., KITA, M., NONOYAMA, M., FUJITA, J., Double cyclopalladation of *N,N,N',N'*-tetramethylferrocene-1,1'-dicarbothioamide *[Nagoya Univ., Fac. Sci., Dept. Chem., Nagoya, Japan]*

Vol. 463 pp. 179–185 (1993)
KOMIYA, S., AOKI, Y., MIZUHO, Y., OYASATO, N., C-H Bond activation of alkenecarboxylates by ruthenium complexes having triphenylphosphine ligands *[Tokyo Univ. Agr. & Technol., Dept. Appl. Chem., Koganei, Tokyo, Japan]*

Vol. 463 pp. 187–198 (1993)
FREDIANI, P., BIANCHI, M., SALVINI, A., GUARDUCCI, R., CARLUCCIO, L.C., PIACENTI, F., IANELLI, S., NARDELLI, M., Ruthenium carbonyl carboxylates with nitrogen-containing ligands. I. Syntheses and characterization of binuclear compounds *[Univ. Florence, Dept. Organ. Chem., Florence, Italy; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy]*

Vol. 463 pp. 199–204 (1993)
LAIDLAW, W.M., DENNING, R.G., Synthesis, characterization and electrochemistry of cyclopentadienyl phosphine nitrosyl cyanide complexes of ruthenium(II) and osmium(II). Preparation of the dicyano ruthenium(II) complex, $[(\eta^5\text{-}C_5H_5)Ru(PPh_3)(CN)_2]Na$ *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 463 pp. 205–213 (1993)
BRUNET, J.-J., GÓMEZ, M., HAJOUJI, H., NEIBECKER, D., Chiral diphospholes. III. Improved synthesis and coordination chemistry

of (*R,R*)-DIPPOP *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 463 pp. 215–221 (1993)
ARESTA, M., QUARANTA, E., Synthesis, characterization and reactivity of [Rh(bpy)(C_2H_4)Cl]. A study on the reaction with C_1 molecules (CH_2O, CO_2) and $NaBPh_4$ *[Univ. Bari, Dipartimento Chim., Bari, Italy; CNR, Ctr. Miso, Bari, Italy]*

Vol. 463 pp. 223–226 (1993)
SZALONTAI, G., BAKOS, J., AIME, S., GOBETTO, R., High-resolution NMR studies of (diphosphine)(diene)rhodium complexes in the solid state *[Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy; Univ. Veszprém, NMR Lab., Veszprém, Hungary; Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary]*

Vol. 463 pp. 227–233 (1993)
DAHLENBURG, L., HALSCH, E., WOLSKI, A., MOLL, M., Metallorganische Verbindungen des Iridiums und Rhodiums. XXXI. Heterobimetallische Zweikern-Komplexe durch Addition von $Cp(CO)_3MH$ (M=Mo, W) an $Ir(CH_3)(CO)(PPh_3)_2$ *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Anorgan. Chem., Erlangen, Germany]*

Vol. 463 pp. 235–238 (1993)
PASYNKIEWICZ, S., PIETRZYKOWSKI, A., BUCHOWICZ, W., POPTAWSKA, M., (η^3-Allyl)(η^5-cyclopentadienyl)nickel complexes *[Warsaw Univ. Technol., Warsaw, Poland]*

Vol. 463 pp. 239–244 (1993)
SÁNCHEZ, G., MUÑOZ, J.A., VIDAL, M.J., GARCÍA, G., LÓPEZ, G., Bis(pentafluorophenyl) derivatives of nickel(II) with anionic bidentate Schiff base ligands *[Univ. Murcia, Dept. Quim. Inorgan., Murcia, Spain]*

Vol. 463 pp. 245–248 (1993)
SCHEFFKNECHT, C., RHOMBERG, A., MÜLLER, E.P., PERINGER, P., Simple cycloplatination of triphenylphosphine *[Innsbruck Univ., Inst. Organ. & Pharmazeut. Chem., Innsbruck, Austria; Innsbruck Univ., Inst. Anorgan. & Analyt. Chem., Innsbruck, Austria]*

Vol. 463 pp. 249–254 (1993)
OLBRICH, F., BEHRENS, U., SCHMIDT, G., WEISS, E., Metallorganische Verbindungen des Kupfers. VI. Die ternären Komplexe der Kupfer(I)-Halogenide mit Triphenylphosphan und 3,3,6,6-Tetramethyl-1-thia-4-cycloheptin im Vergleich *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 463 pp. C1–C2 (1993)
BELETSKAYA, I.P., VOSKOBOYNIKOV, A.Z., SHESTAKOVA, A.K., SCHUMANN, H., Insertion of tellurium(0) into yttrium–carbon bonds *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; State Sci. Res. Inst. Chem. Technol. Organoelement Cpds, Moscow, Russia; Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 463 pp. C3–C4 (1993)
ANDERSON, S., COOK, D.J., HILL, A.F., Phosphine dihalides as reagents for synthesis of tungsten aminomethylidyne complexes *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England]*

Vol. 463 pp. C5–C7 (1993)
ADAMS, R.D., CORTOPASSI, J., FALLOON, S., Cluster-assisted cyclooligomerization of thietane. A new route to polythioether macrocycles *[Univ. South Carolina, Dept. Chem., Columbia, SC, USA]*

Vol. 463 pp. C8–C10 (1993)
DAHLENBURG, L., ERNST, M., DARTIGUENAVE, M., DARTIGUENAVE, Y., Organometallic compounds of iridium and rhodium. XXXII. (Trimethylsilyl)diazomethyl derivatives of [^{t}BuP($CH_2CH_2CH_2PPh_2)_2$]MCl (M=Rh, Ir) *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Anorgan. Chem., Erlangen, Germany; Univ. Paul Sabatier, Chim. Inorgan. Lab., Toulouse, France]*

Vol. 464 pp. 1–9 (1994)
LADURANTY, J., MIGINIAC, L., Les magnésiens allyliques comme agents de fonctionnalisation symétrique ou dissymétrique en 2 et 5 du 1,3,4-thiadiazole *[Univ. Poitiers, CNRS, UA 574, Synthese Organ. Lab., Poitiers, France]*

Vol. 464 pp. 11–21 (1994)
EISCH, J.J., SHAH, J.H., BOLESLAWSKI, M.P., Skeletal rearrangements of arylborane complexes mediated by redox reactions: thermal and photochemical oxidation by metal ions *[SUNY Binghamton, Dept. Chem., Binghamton, NY, USA]*

Vol. 464 pp. 23–34 (1994)
UHL, W., VESTER, A., FENSKE, D., BAUM, G., Die Zersetzungreaktion des Dialan-Radikalanions [R_2Al-AlR_2]$^-$ in DME. I. Kristallstrukturen von $R_2Al(Me)OC_2H_4OMeK(DME)$ und $R_2Al(OC_2H_4OMe)_2K$ (R=CH($SiMe_3)_2$) *[Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany; Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany]*

Vol. 464 pp. 35–40 (1994)
MORI, M., KANETA, N., SHIBASAKI, M., Utilization of $Bu_3SnSiMe_3$ in organic synthesis. II. New cyclization by a stannyl anion generated from $Bu_3SnSiMe_3$ und R_4NX *[Hokkaido Univ., Fac. Pharmaceut. Sci., Sapporo, Hokkaido, Japan; Univ. Tokyo, Fac. Pharmaceut. Sci., Tokyo, Japan]*

Vol. 464 pp. 41–45 (1994)
BREIT, B., BOESE, R., REGITZ, M., Organophosphorverbindungen. LXXIII. Abfangreaktion eines "*in-situ*" erzeugten Silens mit ^{t}Bu-C≡P. Bildung eines Diphosphatricyclobenzoheptans *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany; Univ. Gesamthsch. Essen, Inst. Anorgan. Chem., Essen, Germany]*

Vol. 464 pp. 47–54 (1994)
GUERRERO, A., CERVANTES, J., VELASCO, L., GOMEZ-LARA, J., SHARMA, S., DELGADO, E., PANNELL, K., Concerning the silicon–germanium bond: mass spectral fragmentations of isomeric Si-Ge compounds $R_3EE'R_3$ (E=Si, E'=Ge, R=Ph, Me, (η^5-C_5H_4)Fe(C_5H_5), (η^5-C_5H_5)Fe(CO)$_2$ und (η^5-C_9H_7)Fe(CO)$_2$) *[Univ. Texas, Dept. Chem., El Paso, TX, USA; Univ. Guanajuata, Fac. Quim., Guanajuato, Mexico; Univ. Nacl. Autonoma México, Inst. Quim., Mexico City, DF, Mexico]*

Vol. 464 pp. 55–58 (1994)
WANG, S.W., YU, Y.F., YE, Z.W., QIAN, C.T., HUANG, X.Y., The formation and molecular structure of (η^5-$C_5H_5)_3Sm$·OC_4H_8 *[Anhui Normal Univ., Inst. Organ. Chem., Wuhu, P.R. China; Chinese Acad. Sci., Fujian Inst. Res. Struct. Matter, Fuzhou, P.R. China]*

Vol. 464 pp. 59–63 (1994)
STRUHÁRIK, M., TOMA, S., The diastereoselectivity of the addition of tricarbonyl(η^6-2-lithiothiophene)chromium(0) complexes on aldehydes *[Comenius Univ. Bratislava, Fac. Sci., Dept. Organ. Chem., Bratislava, Slovakia]*

Vol. 464 pp. 65–69 (1994)
HRNCIAR, P., ERTL, P., HRNCIAR, P., TOMA, S., Complexation of phthalides and substituted 3-benzylidene phthalides with $Cr(CO)_6$

[Comenius Univ. Bratislava, Fac. Sci., Dept. Organ. Chem., Bratislava, Slovakia]

Vol. 464 pp. 71–76 (1994)
TUNIK, S.P., VLASOV, A.V., NIKOL'SKII, A.B., STAROVA, G.L., ODI, S., NAKAI, H., SATO, T., Reactions of (η^6-diphenylacetylene) chromiumtricarbonyl complexes with polynuclear carbonyls. I. Synthesis of $Cr(CO)_3(\eta^6$-diphenylacetylene) complex and its reaction with $Co_2(CO)_8$. Crystal and molecular structure of $Cr(CO)_3(\eta^6$ *[St. Petersburg State Univ., Dept. Chem., St. Petersburg, Russia; Osaka City Univ., Fac. Sci., Dept. Chem., Osaka, Japan; Shionogi & Co. Ltd., Shionogi Res. Lab., Osaka, Japan]*

Vol. 464 pp. 77–81 (1994)
OSTERMEIER, J., SCHÜTT, W., STEGMAIR, C.M., ULLRICH, N., KREIßL, F.R., Kationische η^2-Thiocarbenkomplexe von Molybdän und Wolfram *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 464 pp. 83–86 (1994)
FISCHER, H., SCHLEU, J., TROLL, C., Synthese und Röntgenstrukturanalyse eines zweikernigen Bis(*ansa*-carben)-Komplexes *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 464 pp. 87–94 (1994)
SINGH, H.B., REGINI, A., JASINSKI, J.P., PAIGHT, E.S., BUTCHER, R.J., Synthesis and characterization of some ferrocene-containing telluroether ligands: crystal structure of 1,1'-bis(phenyltelluro) ferrocene *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India; Keene State Coll., Dept. Chem., Keene, NH, USA; Howard Univ., Dept. Chem., Washington, DC, USA]*

Vol. 464 pp. 95–101 (1994)
FERGUSON, G., GALLAGHER, J.F., GLIDEWELL, C., ZAKARIA, C.M., Hydrogen bonding in ferrocene derivatives: crystal structure of racemic ferrocenyl(phenyl)methanol *[Univ. St. Andrews, Sch. Chem., St. Andrews, Fife, Scotland; Univ. Guelph, Dept. Chem. & Biochem., Guelph, ONT, Canada]*

Vol. 464 pp. 103–106 (1994)
CHAN, W.-C., LAU, C.-P., CHENG, L., LEUNG, Y.-S., Catalytic hydrogenation reactions by a monobenzene complex of ruthenium, $[Ru(\eta^6\text{-}C_6H_6)(CH_3CN)_3](BF_4)_2$, in biphasic medium *[Hong-Kong Polytech., Dept. Appl. Biol. & Chem. Technol., Kowloon, Hong-Kong]*

Vol. 464 pp. 107–111 (1994)
TRZECIAK, A.M., ZIÓŁKOWSKI, J.J., 1,5-Hexadiene selective hydroformylation reaction catalyzed with $Rh(acac)\{P(OPh)_3\}_2/P(OPh)_3$ and $Rh(acac)(CO)(PPh_3)/PPh_3$ complexes *[Univ. Wroclaw, Inst. Chem., Wroclaw, Poland]*

Vol. 464 pp. 113–119 (1994)
NEO, S.-P., HOR, T.S.A., ZHOU, Z.-Y., MAK, T.C.W., Nitrato displacement in $[Ag_2(NO_3)_2(\mu\text{-dppf})_2]$. Molecular structure of a homoleptic dppf complex, $[Ag_2(\mu\text{-dppf})(Dppf)_2](PF_6)_2$ (dppf = 1,1'-bis(diphenylphosphino)ferrocene) *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore; Chinese Univ. Hong-Kong, Dept. Chem., Sha-tin, Hong-Kong]*

Vol. 464 pp. 121–126 (1994)
VIEBROCK, H., WEISS, E., Über Metallalkyl und Arylverbindungen. XLIX. Darstellung und Strukturen neuer Diorganomagnesiumverbindungen $MgR_2(L)$, R: Methyl, Ethyl; L: TMEDA, PMDTA *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 464 pp. 127–131 (1994)
EDEMA, J.J.H., LIBBERS, R., RIDDER, A., KELLOGG, R.M., SPEK, A.L., Novel silicon bisalkoxy complexes with a pseudo-atrane structure. Synthesis and molecular structures of 2,6-di(2-hydroxy(2-adamantyl))ethylpyridine and 2,6-di(2-oxy(2-adamantylidine))ethylpyridine dimethylsilicon *[Univ. Groningen, Dept. Organ. & Molec. Inorgan. Chem., Groningen, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 464 pp. 133–142 (1994)
BREFORT, J.L., CORRIU, R.J.P., GUERIN, C., HENNER, B.J.L., Organogermanium polymers: pyrolysis chemistry of poly[(germylene)diacetylenes] *[Univ. Montpellier 2, Dept. Chim. Organ. Fine, RP, CNRS, UM 44, Montpellier, France]*

Vol. 464 pp. 143–148 (1994)
SELVARATNAM, S., LO, K.M., DAS, V.G.K., Synthesis and structural characterization of (2-oxazolinylthienyl) tetraorganotin(IV) compounds *[Univ. Malaya, Dept. Chem., Kuala Lumpur, Malaysia; Univ. Malaya, Inst. Adv. Studies, Kuala Lumpur, Malaysia]*

Vol. 464 pp. 149–154 (1994)
NIEF, F., RICARD, L., Synthesis of η^1 and η^5 complexes of samarium(II) with benzophospholyl ligands *[Ecole Polytech., CNRS, URA 1499, Heteroelements & Coordinat. Lab., Palaiseau, France]*

Vol. 464 pp. 155–161 (1994)
BECKHAUS, R., STRAUß, I., WAGNER, T., Zum Reaktionsverhalten von Titanocenevinyliden gegenüber enolisierbaren Ketonen: $Cp^*_2Ti(CH{=}CH_2)(OC(=CH_2)C_6H_{11})$ – ein Enolat mit ungewöhnich gestrecktem Ti-O-C-Winkel *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 464 pp. 163–170 (1994)
ABEL, E.W., BLACKWALL, E.S., ORRELL, K.G., SIK, V., An NMR investigation of 1,2-metallotropic shifts in transition metal complexes of benzo(*c*)cinnoline and pyridazines *[Univ. Exeter, Dept. Chem., Exeter, Devon, England]*

Vol. 464 pp. 171–182 (1994)
CAMBIE, R.C., MUI, L.C.M., RUTLEDGE, P.S., WOODGATE, P.D., Synthesis and reactions of tetracarbonylmanganese complexes of benzoylsilanes *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 464 pp. 183–190 (1994)
LEINS, A.E., COVILLE, N.J., Isomers of $Re(CO)_3(CN^tBu)LX$: synthetic strategies starting from $MnRe(CO)_8(CN^tBu)L$ and $Re(CO)_4LX$ (X = halogen; L = Group 15 donor ligand) *[Univ. Witwatersrand, Dept. Chem., Ctr. Appl. Chem. & Chem. Technol., Johannesburg, South Africa]*

Vol. 464 pp. 191–195 (1994)
BRUCE, M.I., LOW, P.J., SKELTON, B.W., WHITE, A.H., Rhenium complexes from alkynes. X-Ray crystal structures of $Re_2(\mu\text{-}2\eta^1,\eta^4\text{-}C_4Ph_4)(CO)_7$ and $Re\{C,O\text{-}CH{=}C[Re(CO)_4(NMe_3)]\text{-}C(OMe)O\}(CO)_4$ *[Univ. Adelaide, Dept. Chem., Jordan Labs, Adelaide, SA, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 464 pp. 197–201 (1994)
KORIDZE, A.A., ZDANOVICH, V.I., KIZAS, O.A., YANOVSKY, A.I., STRUCHKOV, YU.T., Coupling and annelation of two acetylide groups and alkyne molecules in the reaction of $(OC)_5ReC{\equiv}CPh$ with ferrocenylacetylene. Crystal and molecular structure of $Re_2(CO)_7\{C_8H_2Ph_2(C_5H_4FeC_5H_5)_2\}\cdot$acetone *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow,*

Russia]

Vol. 464 pp. 203–213 (1994)
KANE-MAGUIRE, L.A.P., KANITZ, R., JONES, P., WILLIAMS, P.A., Synthetic and kinetic studies of the reaction of amino acid esters with tricarbonyl(dienyl)iron cations *[Univ. Wollongong, Dept. Chem., Wollongong, NSW, Australia; Univ. Wales, Coll. Cardiff, Dept. Chem., Cardiff, South Glam, Wales]*

Vol. 464 pp. 215–218 (1994)
COCO, S., MAYOR, F., Insertion of mercury into iron–iodine bonds leading to dinuclear (Fe-Hg) mixed isonitrile-phosphine complexes *[Univ. Valladolid, Fac. Ciencias, Dept. Quim. Inorgan., Valladolid, Spain]*

Vol. 464 pp. 219–223 (1994)
MOLDES, I., ROS, J., TORRES, M.R., PERALES, A., MATHIEU, R., Study of the reactivity of the carbon–carbon triple bond in $(CO)_5M{=}C(OEt)(C{\equiv}CPh)$ complexes (M=Cr or W) towards $[PPh_4][HFe_3(CO)_{11}]$ or $[Co_2(CO)_8]$: a ligand transfer reaction (Fe) or thermally induced build up of heterotrimetallic clust *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Univ. Autonoma Barcelona, Dept. Quim., Barcelona, Spain; CSIC, Inst. Quim. Fis., Madrid, Spain]*

Vol. 464 pp. 225–232 (1994)
COE, B.J., JONES, C.J., MCCLEVERTY, J.A., BLOOR, D., CROSS, G., An assessment of second harmonic generation by donor acceptor molecules containing stilbenyl or diarylazo bridges between ferrocenyl donor and nitro acceptor groups *[Univ. Birmingham, Dept. Chem., Birmingham, West Midlands, England; Univ. Durham, Dept. Phys., Durham, England]*

Vol. 464 pp. 233–237 (1994)
DAS, I., ROY, S., Organocobaloxime in organic synthesis: efficient trapping of 5-phenylpent-4-ynyl radical by useful functional groups *[Indian Inst. Chem. Technol., Div. Inorgan. & Phys. Chem., Metalloorgan Lab., Hyderabad, Andhra Pradesh, India]*

Vol. 464 pp. 239–245 (1994)
VARSHAVSKY, YU.S., CHERKASOVA, T.G., BUZINA, N.A., BRESLER, L.S., Spectral characteristics of products formed by reaction between $Rhacac(PPh_3)(CO)$ and methyl iodide *[S.V. Lebedev Synthet. Rubber Res. Inst., St. Petersburg, Russia]*

Vol. 464 pp. 247–251 (1994)
ONITSUKA, K., JOH, T., TAKAHASHI, S., Reaction of μ-ethynediyl dipalladium complexes with phenyl isocyanide in the presence of trialkylphosphines and the molecular structure of $Cl(Et_3P)_2PdC(=NPh)C{\equiv}CC(=NPh)Pd(PEt_3)_2Cl$ *[Osaka Univ., Inst. Sci. & Ind. Res., Ibaraki, Osaka, Japan]*

Vol. 464 pp. 253–260 (1994)
RAKHIMOV, R.D., BUTIN, K.P., GRANDBERG, K.I., Redox properties of gold(I) compounds with organic ligands *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 464 pp. C1–C3 (1994)
COWLEY, A.H., CORBELIN, S., JONES, R.A., LAGOW, R.J., NAIL, J.W., Synthesis and structure of $[(CH_2)_4Ga\text{-}\mu\text{-}As^tBu_2]_2$. The first example of a gallacyclopentane *[Univ. Texas, Dept. Chem. & Biochem., Austin, TX, USA]*

Vol. 464 pp. C4–C6 (1994)
BAKER, L.-J., RICKARD, C.E.F., TAYLOR, M.J., The preparation and structures of Ph_3AsGaI_3 and $[Ph_3As][GaI_4]$ *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 464 pp. C7–C10 (1994)
KREMPNER, C., OEHME, H., Bildung und Umwandlung des instabilen 2-tert-Butyl-1,1-bis(trimethylsilyl)-silens *[Univ. Rostock, Fachbereich Chem., Rostock, Germany]*

Vol. 464 pp. C11–C13 (1994)
DUHAMEL, L., GRALAK, J., NGONO, B., A novel 1,3-migration of the trimethylsilyl group from oxygen to carbon *[Fac. Sci. & Tech. Rouen, CNRS, UA 464, Mont St. Aignan, France; IRCOF, Mont St. Aignan, France]*

Vol. 464 pp. C14–C16 (1994)
GULEA-PURCARESCU, M., ABOUT-JAUDET, E., COLLIGNON, N., (2,3)-Wittig rearrangement in the α-allyloxy methylphosphonate series *[INSA, IRCOF, Composes Organophosphores Lab., Mont St. Aignan, France]*

Vol. 464 pp. C17–C19 (1994)
THEWALT, U., WÖHRLE, T., Die Struktur von Cp_2TiMe_2 *[Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany]*

Vol. 464 pp. C20–C22 (1994)
FAWCETT, J., HOLLOWAY, J.H., HOPE, E.G., RUSSELL, D.R., SAUNDERS, G.C., ATHERTON, M.J., Synthesis and crystal structure of dioxobis(μ-pentafluorophenylimido)di-(μ-methylcyclopentadienyl)dimolybdenum *[Univ. Leicester, Dept. Chem., Leicester, England; BNFL Fluorochem. Ltd., Preston, Lancs, England]*

Vol. 464 pp. C23–C24 (1994)
CANO, A.C., ZÚÑIGA-VILLARREAL, N., ALVAREZ, C., TOSCANO, R.A., CERVANTES, M., DAZ, A., RUDLER, H., Synthesis and characterization of the novel complex μ-(η^2,η^2-dibenzylideneacetone)$Fe_2(CO)_8$ *[Univ. Nacl. Autonoma México, Inst. Quim., Mexico City, DF, Mexico; Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France]*

Vol. 464 pp. C25–C28 (1994)
HÖRNIG, A., ENGLERT, U., KÖLLE, U., $Cp^*Ru\text{-}o\text{-}C_6H_4(EH)_2$ (E=O, S) Komplexes. $Cp^*Ru(\mu_2\text{-}\eta^4\text{-}o\text{-}C_6H_4S_2)RuCp^*$, ein zweifach überbrückter, einfach valenzungesättigter Ru-Zweikernkomplex. Molekülstruktur von $CpRu(\mu_2\text{-}\eta^4\text{-}o\text{-}C_6H_4S_2)\text{-}(P(OMe_3))RuCp$ *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 464 pp. C29–C30 (1994)
BIN SHAWKATALY, O., TEOH, S.-G., FUN, H.-K., Synthesis and crystal structure of $Ru_3(CO)_6(\mu_3\text{-}PPhCH_2PPh_2)(\mu_3\text{-}CyNC)\text{-}(CyNC)_2(Ph)$, an open trinuclear cluster complex containing an isocyanide ligand acting as a 4-electron donor *[Univ. Sains Malaysia, Ctr. Off Campus Studies, Chem. Sci. Programme, George Town, Malaysia; Univ. Sains Malaysia, Sch. Chem. Sci., George Town, Malaysia; Univ. Sains Malaysia, Sch. Phys., George Town, Malaysia]*

Vol. 464 pp. C31–C32 (1994)
LINDNER, E., SCHLENKER, T., HAASE, C., Darstellung und Eigenschaften von und Reaktionen mit metallhaltigen Heterocyclen. LXXXVI. Cobalt-induzierte Synthese eines Thiadiphosphols *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

Vol. 464 pp. C33–C34 (1994)
URDANETA, N., RUÍZ, J., ZAPATA, A.J., Palladium catalyzed reactions of α-bromo-α,β-unsaturated carbonyl compounds with 1-(*e*)-alkenylboronic acids *[Univ. Simon Bolivar, Dept. Quim., Caracas, Venezuela]*

Vol. 464 pp. C39–C41 (1994)
BRAGA, D., FARRUGIA, L., GREPIONI, F., JOHNSON, B.F.G., On

the molecular structure of $[Fe_3(CO)_{12}]$ in the solid state *[Univ. Bologna, Dipartimento Chim. G. Ciamician, Bologna, Italy; Univ. Glasgow, Dept. Chem., Glasgow, Lanark, Scotland; Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland]*

Vol. 464 pp. C42–C44 (1994)
GUILLON, C., VIERLING, P., Unexpected formation of novel benzofuranyl-substituted ferrocenes by action of *p*-benzoquinone on 1,1'-bis-acylferrocene *[Univ. Nice, Fac. Sci., CNRS, URA 426, Chim. Molec. Lab., Nice, France]*

Vol. 464 pp. C45–C48 (1994)
BONDIETTI, G., ROS, R., ROULET, R., GREPIONI, F., BRAGA, D., Crystal structure and intramolecular dynamics of $[Ir_3Rh(CO)_8(\eta^4\text{-cycloocta-1,5-diene})_2]$ *[Univ. Lausanne 3, Inst. Chim. Minerale & Analyt., Lausanne, Switzerland; Univ. Bologna, Dipartimento Chim. G. Ciamician, Bologna, Italy; Univ. Padua, Ist. Chim. Ind., Padua, Italy]*

Vol. 465 pp. 1–63 (1994)
HOLLOWAY, C.E., MELNÍK, M., Magnesium compounds: classification and analysis of crystallographic and structural data *[York Univ., Dept. Chem., North York, ONT, Canada; Slovak Tech. Univ., Dept. Inorgan. Chem., Bratislava, Slovakia]*

Vol. 465 pp. 65–71 (1994)
KARSCH, H.H., GRAUVOGL, G., MIKULCIK, P., BISSINGER, P., MÜLLER, G., Substituentenabhängigkeit der Lithiumkoordination von Phosphinomethaniden und Molekülstrukturen von $(TMEDA)Li[C(PPh_2)_2(SiMe_3)]$ und $\{(THF)Li[CH(PMe_2)_2]\}_2$ *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 465 pp. 73–77 (1994)
ABRAHAMS, I., MALIK, A., MOTEVALLI, M., O'BRIEN, P., Some complexes of neopentylcadmium species with dithio-and diselenocarbamates: the synthesis, characterization and single crystal X-ray structure of a mixed neopentyl/diethyldiselenocarbamate of cadmium: $[(CH_3)_3CCH_2CdSe_2CNEt_2]_2$ *[Univ. London, Queen Mary & Westfield Coll., Dept. Chem., London, England]*

Vol. 465 pp. 79–83 (1994)
LINTI, G., Darstellung und Struktur monomerer N-borylierter Galliumamide *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 465 pp. 85–92 (1994)
CHO, C.S., UEMURA, S., Palladium-catalyzed cross-coupling of aryl and alkenyl boronic acids with alkenes via oxidative addition of a carbon–boron bond to palladium(0) *[Kyoto Univ., Grad. Sch. Engn., Div. Energy & Hydrocarbon Chem., Kyoto, Japan]*

Vol. 465 pp. 93–96 (1994)
ZIEMKOWSKA, W., PASYNKIEWICZ, S., KALBARCZYK, E., Reactions of trimethylaluminum with *cis*-2-buten-1,4-diol *[Warsaw Univ. Technol., Dept. Chem., Warsaw, Poland]*

Vol. 465 pp. 97–100 (1994)
HATANAKA, Y., GODA, K., HIYAMA, T., On the regioselectivity of palladium catalyzed cross-coupling reactions of alkenylsilanes: participation of β-cationic organosilicate-palladium species during the transmetallation *[Sagami Chem. Res. Ctr., Sagamihara, Kanagawa, Japan; Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Yokohama, Kanagawa, Japan]*

Vol. 465 pp. 101–107 (1994)
MOCHIDA, K., KIMIJIMA, K., WAKASA, M., HAYASHI, H., Photochemical reactions of 2-(pentamethyldisilanyl)furan and 2-(pentamethyldigermanyl)furan. Formation of a radical pair *[Gakushuin Univ., Fac. Sci., Dept. Chem., Tokyo, Japan; Inst. Phys. & Chem. Res., Wako, Saitama, Japan]*

Vol. 465 pp. 109–118 (1994)
CRESTONI, M.E., FORNARINI, S., OCCHIUCCI, G., Gas phase reactivity of aromatic silanes. The reaction of $Ph(CH_2)_xSiMe_3$ ($x=0$ or 1) with cationic electrophiles *[Univ. Roma La Sapienza, Dipartimento Studi Chim. & Tecnol. Sostanze Biol. Att., Rome, Italy; CNR, Ist. Chim. Nucl., Monterotondo, Italy]*

Vol. 465 pp. 119–126 (1994)
KLEIN, B., NEUMANN, W.P., Chemie der schweren Carben-Analogen R_2M (M=Si,Ge,Sn). XIX. Reaktionen von stabilem Diaminogermylen und -stannylen $Me_2Si(^tBuN)_2M$ (M=Ge,Sn) mit organischen Aziden *[Univ. Dortmund, Fachbereich Chem., Dortmund, Germany]*

Vol. 465 pp. 127–135 (1994)
HASSLER, K., WEIDENBRUCH, M., Schwingungsspektren, Normalkoordinatenanalysen und Synthesen der t-Butylsilane $^tBuSiX_3$, X=H, D, F, Cl, Br, I *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria; Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany]*

Vol. 465 pp. 137–144 (1994)
HASSLER, K., WEIDENBRUCH, M., Schwingungsspektren und Normalkoordinatenanalysen der Di-t-butylsilane $^tBu_2SiX_2$, X=H, D, F, Cl, Br, I *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria; Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany]*

Vol. 465 pp. 145–151 (1994)
BRISDON, B.J., MAHON, M.F., MOLLOY, K.C., SCHOFIELD, P.J., Organotin-substituted organosiloxanes: synthesis and characterization, including the crystal structure of 1,3-bis(triphenylstannoxy)-1,1,3,3-tetraphenyl-1,3-disiloxane *[Univ. Bath, Sch. Chem., Bath, Avon, England]*

Vol. 465 pp. 153–160 (1994)
EUJEN, R., JAHN, N., THURMANN, U., Synthesis and properties of trifluoromethylated stannanes. The formation and NMR spectra of the difluoromethylstannanes $(CF_3)_n(CF_2H)_mSn(CH_3)_{4-n-m}$ *[Univ. Gesamthsch. Wuppertal, Wuppertal, Germany]*

Vol. 465 pp. 161–166 (1994)
CAMERON, M., GOWENLOCK, B.G., PARISH, R.V., VASAPOLLO, G., Coordination complexes of dimethyltin dichloride with C-nitroso compounds *[Heriot Watt Univ., Dept. Chem., Edinburgh, Midlothian, Scotland; Univ. Manchester, Inst. Sci. & Technol., Dept. Chem., Manchester, Lancs, England; Politecn. Bari, Inst. Chim., CNR, Ctr. Miso, Bari, Italy]*

Vol. 465 pp. 167–174 (1994)
SÜNKEL, K., BIRK, U., BLUM, A., KEMPINGER, W., Komplexchemie perhalogenierter Cyclopentadiene und Alkyne. XVI. Darstellung von π-Cyclopentadienylkomplexen mit zwei und drei Chalkogensubstituenten am Ring, $[C_5Cl_{4-m}(ER)_m(ER')]ML_n$ (ML_n=$Mn(CO)_3$, $Fe(C_5H_5)$; m=1 or 2, *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 465 pp. 175–179 (1994)
HALTERMAN, R.L., RAMSEY, T.M., Electronic effects of bis(2-aryl-4,5,6,7-tetrahydroindenyl)titanocene dichlorides on the catalytic epoxidation of *trans*-3-*hexene* *[Univ. Oklahoma, Dept. Chem. & Biochem., Norman, OK, USA]*

Vol. 465 pp. 181–185 (1994)
GAILUS, H., MAELGER, H., REHDER, D., A route to η^2-alkyne complexes of vanadium(I): crystal structure of *trans*-$[IV(CO)_2(PMe_2Ph)_2(2\text{-butyne})]$ *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 465 pp. 187–191 (1994)
GUYON, F., AMAUDRUT, J., MERCIER, M.-F., SHIMIZU, K., Syntheses and electrochemical behaviour of novel dithiolatoniobium-(IV) and -(V) complexes with two η^5-cyclopentadienyl rings *[Fac. Sci. & Tech. Besançon, Organomet. Lab., Besançon, France; Sophia Univ., Fac. Sci. & Technol., Dept. Chem., Tokyo, Japan]*

Vol. 465 pp. 193–198 (1994)
NAKAZAWA, H., YAMAGUCHI, Y., MIYOSHI, K., Formation and *fac-mer* isomerization of cationic phosphenium transition metal complexes formulated as $[M(bpy)(CO)_3\{PN(Me)CH_2CH_2NMe\}]^+$ (M=Cr, Mo, W) and $[M(dppe)(CO)_3\{PN(Me)CH_2CH_2NMe\}]^+$ (M=Mo, W) *[Hiroshima Univ., Fac. Sci., Dept. Chem., Higashi-Hiroshima, Japan]*

Vol. 465 pp. 199–209 (1994)
LIN, J.T., LEE, Y.C., KAO, H.M., DONG, T.-Y., WEN, Y.-S., Dinuclear molybdenum carbonyls bridged by hydride ligands *[Acad. Sinica, Inst. Chem., Taipei, Taiwan; Natl. Chung-Hsing Univ., Dept. Chem., Taichung, Taiwan]*

Vol. 465 pp. 211–219 (1994)
BENCZE, L., SZILÁGYI, R., Molecular mechanical studies on the olefin metathesis reaction. I. Development and evaluation of tungsten carbene parameters: METMOD1 *[Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary]*

Vol. 465 pp. 221–224 (1994)
BAKER, P.K., FLOWER, K.R., Reactions of the cationic but-2-yne complex $[WI(CO)(NCMe)\{Ph_2P(CH_2)PPh_2\}(\eta^2\text{-}MeC_2Me)][BF_4]$ with bidentate nitrogen donor ligands *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales]*

Vol. 465 pp. 225–231 (1994)
KETKOV, S.YU., Photoabsorption study of electronic excited states of (η^5-cyclopentadienyl)(η^6-arene)manganese *[Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia]*

Vol. 465 pp. 233–240 (1994)
GUENNEC, N., MOINET, C., Etude électrochimique des cations (η^5-cyclopentadiényl fer η^6-nitrobenzène ou η^6-nitrotoluènes)$^+$. Electrosynthèse des dérivés nitrosés correspondants *[Univ. Rennes 1, CNRS, URA 439, Electrochim. Lab., Rennes, France]*

Vol. 465 pp. 241–249 (1994)
DE LANGE, P.P.M., ALBERTS, E., VAN WIJNKOOP, M., FRÜHAUF, H.-W., VRIEZE, K., KOOIJMAN, H., SPEK, A.L., 1,3-Dipolar cycloaddition to a Fe-N=C fragment. XII. Reactivity of Fe(2,6-xylyl-isocyanide)$_3$(^{i}Pr-α-diimine) towards heteroallenic C=S bonds *[Univ. Amsterdam, J.H. Van't Hoff Res. Inst., Inorgan. Chem. Lab., Amsterdam, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 465 pp. 251–258 (1994)
FORWARD, J.M., MINGOS, D.M.P., POWELL, A.V., Synthesis and magnetic studies of the metallocarborane sandwich salts $[Fe(C_5Me_5)_2][M(C_2B_9H_{12})_2)]$ (M=Cr,Fe,Ni) *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England; Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; Heriot Watt Univ., Dept. Chem., Edinburgh, Midlothian, Scotland]*

Vol. 465 pp. 259–262 (1994)
SHUBINA, E.S., KRYLOV, A.N., KREINDLIN, A.Z., RYBINSKAYA, M.I., EPSTEIN, L.M., Hydrogen-bonded complexes involving the metal atom and protonation of metallocenes of the iron subgroup *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 465 pp. 263–265 (1994)
SUN, W.-H., YANG, S.-Y., WANG, H.-Q., ZHOU, Q.-F., YU, K.-B., Heterometallic sulfido clusters by metal exchange: syntheses and X-ray crystal structures of (η^5-$C_5H_4CH_3$)$MoFeCo(CO)_8(\mu_3$-S) and (η^5-$C_5H_4CH_3)_2Mo_2Fe(CO)_7(\mu_3$-S) *[Chinese Acad. Sci., Lanzhou Inst. Chem. Phys., State Key Lab. Oxo Synth. & Select Oxidat., Lanzhou, P.R. China; Chinese Acad. Sci., Fujian Inst. Res. Struct. Matter, State Key Lab. Struct. Chem., Fuzhou, P.R. China; Chinese Acad. Sci., Chengdu Ctr. Anal. & Measurement, Chengdu, P.R. China]*

Vol. 465 pp. 267–274 (1994)
BONATI, F., ORO, L.A., PINILLOS, M.T., TEJEL, C., BOVIO, B., *N*-substituted imidazole derivatives of rhodium(I) and iridium(I). Crystal structure of the head-to-head dinuclear compound $[Ir_2(\mu$-*N*-benzylimidazolato-N^3,$C^2)_2(CO)_4]$ *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain; Univ. Pavia, Dipartimento Chim. Gen., Pavia, Italy]*

Vol. 465 pp. 275–281 (1994)
CHAMPNESS, N.R., LEVASON, W., OLDROYD, R.D., GULLIVER, D.J., Synthesis of a polymer-supported *o*-phenylene(diphosphine) and characterization of some metal complexes *[Univ. Southampton, Dept. Chem., Southampton, Hants, England; BP Chem., Hull Res. & Technol. Ctr., Kingston Hull, North Humberside, England]*

Vol. 465 pp. 283–287 (1994)
LANG, H., HERRES, M., IMHOF, W., Stabilisierung niederkoordinater M(CO)-Bausteine: Synthese und Reaktivität von $\{(\eta^5\text{-}C_5H_4SiMe_3)_2Hf(C{\equiv}CPh)_2\}M(CO)$ (M=Ni,Co) *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 465 pp. 289–296 (1994)
FREDERICKS, E.J., GINDLING, M.J., KROLL, L.C., STORHOFF, B.N., Phosphine-nitrile ligands: the molecular structure of *cis*-2-diphenylphosphino-1-cyanocyclopentane and studies of the donor/acceptor properties of this and related ligands *[Ball State Univ., Dept. Chem., Muncie, IN, USA; Taylor Univ., Dept. Chem., Upland, IN, USA]*

Vol. 465 pp. 297–304 (1994)
BONCELLA, J.M., VILLANUEVA, L.A., Reactions of unsaturated electrophiles with *trans*-$(PMe_3)_2Pd(Ph)(NHPh)$ *[Univ. Florida, Dept. Chem., Gainesville, FL, USA; Univ. Florida, Ctr. Catalysis, Gainesville, FL, USA]*

Vol. 466 pp. 1–4 (1994)
DZHEMILEV, U.M., IBRAGIMOV, A.G., Regio- and stereoselective synthesis for a novel class of organoaluminum compounds – substituted aluminacyclopentanes and aluminacyclopentenes assisted by zirconium catalysts *[Bashkirian Acad. Sci., Inst. Petrochem. & Catalysis, Ufa, Russia]*

Vol. 466 pp. 5–14 (1994)
SCHUMANN, H., JUST, O., SEUß, T.D., GÖRLITZ, F.H., WEIMANN, R., Intramolekular stabilisierte Galla- und Indacyclohexane, -cyclopentane, und -cyclopentene; Röntgenstrukturanalyse von $(CH_2)_5Ga(CH_2)_3NMe_2$, $(CH_2)_5GaCH_2CHCH_3CH_2NMe_2$ ... *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 466 pp. 15–27 (1994)
TACKE, R., PIKIES, J., WIESENBERGER, F., ERNST, L., SCHOMBURG, D., WAELBROECK, M., CHRISTOPHE, J., LAMBRECHT, G., GROSS, J., MUTSCHLER, E., Sila-biperiden und *endo*-Sila-biperiden: Synthesen, Kristallstrukturen und antimuscarinische Eigenschaften *[Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany; Tech. Univ. Carolo*

Wilhelmina Braunschweig, NMR Lab., Chem. Inst., Braunschweig, Germany; Gesell. Biotechnol. Forsch. Mbh, Braunschweig, Germany; Free Univ. Brussels, Fac. Med. & Pharm., Chim. Biol. & Nutr. Lab., Brussels, Belgium; Univ. Frankfurt, Biozentrum Niederursel, Inst. Pharmakol. Nat. Wissensch., Frankfurt, Germany]

Vol. 466 pp. 29–34 (1994)
JAKOUBKOVÁ, M., FAJGAR, R., TLÁSKAL, J., POLA, J., Laser-induced decomposition of 1,1-dichloro-1-silacyclobutane for gas-phase deposition of reactive solid polycarbosilane *[Acad. Sci. Czech Rep., Inst. Chem. Proc. Fundamentals, Prague, Czech Rep.; Acad. Sci. Czech Rep., Inst. Organ. Chem., Prague, Czech Rep.]*

Vol. 466 pp. 35–42 (1994)
EABORN, C., JONES, K.L., LICKISS, P.D., Preparation of the iodides $(Me_3Si)_2C(SiMe_2C_6H_4Y)(SiMe_2I)$ and some related compounds *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 466 pp. 43–50 (1994)
CORRIU, R.J.P., LECLERCQ, D., MUTIN, P.H., SAMSON, H., VIOUX, A., Siloxane bond formation by heterofunctional condensation of alkoxysilane and halogenosilane. Application to the preparation of copoly(tetramethyl-*p*-silphenylenesiloxane-dimethylsiloxane) *[Univ. Montpellier 2, Dept. Chim. Organ. Fine, RP, CNRS, UM 44, Montpellier, France]*

Vol. 466 pp. 51–54 (1994)
LIGHTFOOT, P., GLIDEWELL, C., BRUCE, P.G., The crystal and molecular structure of tribenzylsilanol by rietveld refinement of powder X-ray diffraction data *[Univ. St. Andrews, Sch. Chem., St. Andrews, Fife, Scotland]*

Vol. 466 pp. 55–68 (1994)
CORRIU, R., LANNEAU, G., PRIOU, C., SOULAIROL, F., AUNER, N., PROBST, R., CONLIN, R., TAN, C.Q., Chemical and photochemical approaches to amino(aryl)silylenes *[Univ. Montpellier 2, Precurseurs Organomet. Mat. Lab., Montpellier, France; Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Univ. North Texas, Dept. Chem., Ctr. Organomet. Res. & Educ., Denton, TX, USA]*

Vol. 466 pp. 69–75 (1994)
CARUSO, F., GIOMINI, M., GIULIANI, A.M., RIVAROLA, E., Synthesis and spectroscopic studies (Mössbauer, IR and NMR) of $[R_2SnCl_2bipym]$ (R = butyl or phenyl) and the crystal and molecular structure of $[Ph_2SnCl_2bipym]$ *[Univ. Palermo, Dipartimento Chim. Inorgan., Palermo, Italy; CNR, Ist. Strutturist Chim. G. Giacomello, Rome, Italy; Univ. Roma La Sapienza, Dipartimento Chim., Rome, Italy]*

Vol. 466 pp. 77–87 (1994)
RICHTER, F., WEICHMANN, H., 2,2-functionally disubstituted organotin compounds: synthesis and reactivity *[Martin Luther Univ. Halle Wittenberg, Inst. Allgemeine & Anorgan. Chem., Halle, Germany]*

Vol. 466 pp. 89–94 (1994)
BOUMEKOUEZ, A., ABOUT-JAUDET, E., COLLIGNON, N., Side-chain metallation of diethyl phosphonotoluenes *[INSA, IRCOF, Composes Organophosphores Lab., Mont St. Aignan, France]*

Vol. 466 pp. 95–100 (1994)
DENG, D.L., ZHENG, X.F., QIAN, C.T., SUN, J., ZHANG, L., Studies on organolanthanide complexes. XLVII. Syntheses of bis(2-methoxyethylcyclopentadienyl)lanthanide tetrahydroborates (Ln = La, Pr, Nd, Sm or Gd); Crystal structures of bis(2-methoxyethylcyclopentadienyl) praseodymium and neodymium tetrahydr *[Chinese Acad. Sci., Shanghai Inst. Organ. Chem., Organomet. Chem. Lab., Shanghai, P.R. China]*

Vol. 466 pp. 101–105 (1994)
QIAN, C.T., ZHENG, X.F., WANG, B., DENG, D.L., SUN, J., Studies on organolanthanide complexes. LIV. Syntheses and X-ray crystal structures of bis-(2-methoxyethylcyclopentadienyl) rare earth iodides $(MeOCH_2CH_2C_5H_4)_2LnI$ (Ln = La or Y) *[Chinese Acad. Sci., Shanghai Inst. Organ. Chem., Organomet. Chem. Lab., Shanghai, P.R. China]*

Vol. 466 pp. 107–118 (1994)
GRADOZ, P., BAUDRY, D., EPHRITIKHINE, M., LANCE, M., NIERLICH, M., VIGNER, J., Tetramethylphospholyluranium complexes and their pentamethylcyclopentadienyl analogues *[CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Chim. Uranium Lab., CNRS, URA 331, Gif sur Yvette, France; CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Cristallog. Lab., CNRS, URA 331, Gif sur Yvette, France]*

Vol. 466 pp. 119–123 (1994)
DELGADO, E., HERNÁNDEZ, E., HEDAYAT, A., TORNERO, J., TORRES, R., Synthesis and characterization of thiolate derivatives of bis(trimethylsilylcyclopentadienyl)titanium(IV). The crystal and molecular structure of $[(\eta^5\text{-}C_5H_4SiMe_3)_2Ti(SC_6F_5)_2]$ *[Univ. Autonoma Madrid, Fac. Ciencias, Dept. Quim. Inorgan., Madrid, Spain; Univ. Autonoma Madrid, Serv. Interdept. Invest. Rayos X, Madrid, Spain]*

Vol. 466 pp. 125–131 (1994)
KLEIN, R., SCHMID, G., THEWALT, U., SEDMERA, P., HANUS, V., MACH, K., The reluctant titanium catalyzed cyclotrimerization of 1-phenyl-2-(trimethylsilyl) acetylene. Crystal structure of 1,3,5-triphenyl-2,4,6-tris(trimethylsilyl)benzene *[Acad. Sci. Czech Rep., J. Heyrovsky Inst. Phys. Chem. & Electrochem., Prague, Czech Rep.; Univ. Amsterdam, J.H. Van't Hoff Res. Inst., Inorgan. Chem. Lab., Amsterdam, Netherlands; Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany; Acad. Sci. Czech Rep., Inst. Microbiol., Prague, Czech Rep.]*

Vol. 466 pp. 133–137 (1994)
PERJÉSSY, A., ERTL, P., PRÓNAYOVÁ, GAUTHERON, B., BROUSSIER, R., Spectroscopic and theoretical evidence for a strong electron-donor effect of the oxo ligand in chlorodicyclopentadienyloxoniobium(V) complexes *[Comenius Univ. Bratislava, Fac. Sci., Dept. Organ. Chem., Bratislava, Slovakia; Comenius Univ. Bratislava, Fac. Sci., Inst. Chem., Bratislava, Slovakia; Slovak Tech. Univ., NMR, Cent Lab., Bratislava, Slovakia; Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France]*

Vol. 466 pp. 139–146 (1994)
BAKER, P.K., KENDRICK, D., The synthesis and reactions with neutral monodentate ligands of the seven-coordinate complex $[MoCl(GeCl_3)(CO)_3(NCMe)_2]$ *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales]*

Vol. 466 pp. 147–151 (1994)
BARRADO, G., MIGUEL, D., PÉREZ-MARTINEZ, J.A., RIERA, V., GARCÍA-GRANDA, S., Seven-coordinate molybdenum-tin complexes containing phosphorodithioato and phosphonio-dithioformate. X-Ray structure of $[Mo(CO)_2\{S_2P(OEt)_2\}\text{-}(S_2CPCy_3)(SnPhCl_2)]\cdot CH_2Cl_2$ *[Univ. Oviedo, Fac. Quim., Dept. Quim. Organomet., Oviedo, Spain; Univ. Oviedo, Fac. Quim., Dept. Quim. Fis. & Analit., Oviedo, Spain]*

Vol. 466 pp. 153–158 (1994)
HITCHCOCK, P.B., MAAH, M.J., NIXON, J.F., GREEN, M., Synthesis and structural characterization of an unusual η^3-ligated

1,3-diphosphacyclobutadiene molybdenum complex via cyclodimerization of a phosphaalkyne. Crystal structure of $[Mo(\eta^5\text{-}C_9H_7)(CO)_2\{P\text{-}\eta^3\text{-}(^tBu)CPC(^tBu)PFBF_3\}]$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England; Univ. Bath, Sch. Chem., Bath, Avon, England]*

Vol. 466 pp. 159–165 (1994)
CARRONDO, M.A.A.F.DE C.T., DIAS, A.R., GARCIA, M.HELENA, MATIAS, P., PIEDADE, M. FÁTIMA M., DE BRITO, M.J.VILLA, Indium(III) thiolate-bridged molybdenocene complexes: crystal structure of $[InCl_2\{MoCp_2(\mu\text{-}SEt)_2\}_2][BPh_4]\cdot(CH_3)_2CO$ *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Ctr. Tecnol. Quim. & Biol., Oeiras, Portugal; Inst. Super Tecn., Lisbon, Portugal; Univ. Lisbon, Fac. Ciencias, Lisbon, Portugal]*

Vol. 466 pp. 167–174 (1994)
LIPPMANN, E., KRÄMER, R., BECK, W., Metallorganische Lewis-Säuren. LI. Reaktivität der metallorganischen Lewis-Säuren $(OC)_4Re(OEt_2)FBF_3$ und $(OC)_2(PPh_3)_2Ru(FBF_3)_2$ *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 466 pp. 175–183 (1994)
LAURENT, P., SALAÜN, J.Y., LE GALL, G., SELLIN, M., DES ABBAYES, H., Synthesis and reactivity of bis(alkyloxalyl) and alkoxycarbonyl alkyloxalyl iron complexes $[Fe(COCO_2R)_2(CO)_4]$ and $[Fe(CO_2R)(COCO_2R')(CO)_4]$ (R,R' = Me or Et): evidence for reductive elimination of oxalate *[UFR Sci. & Tech., CNRS, URA 322, Chim. Organ. Elements Transit. Lab., Brest, France]*

Vol. 466 pp. 185–199 (1994)
CALLAN, B., COX, M.G., MCCABE, A., MANNING, A.R., SAYAL, P., SOYE, P., WADE, S.C., STEPHENS, F.S., MCARDLE, P., CUNNINGHAM, D., The reaction of iron pentacarbonyl with 6-aminofulvenes: some organic chemistry of *R,S* and *R,R/R,S*-$[Fe_2\{\eta,\eta\text{-}C_5H_4CH(NMe_2)CH(NMe_2)C_5H_4\}(CO)_2(\mu\text{-}CO)_2]$ *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland; Macquarie Univ., Sch. Chem., North Ryde, NSW, Australia; Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 466 pp. 201–209 (1994)
GABOR, B., HOLLE, S., JOLLY, P.W., MYNOTT, R., The preparation of bis(η^3-allyl)iron(II) complexes and their reactions with 1,3-dienes *[Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 466 pp. 211–220 (1994)
CIFUENTES, M.P., HUMPHREY, M.G., SKELTON, B.W., WHITE, A.H., Ruthenium carbonyl cluster complexes with nitrogen ligands. III. Reaction of $Ru_3(\mu\text{-}AuPPh_3)(\mu\text{-}Cl)(CO)_{10}$ with pyridine; crystal-structures of $Ru_3(\mu\text{-}H)(\mu\text{-}NC_5H_4)(CO)_9(PPh_3)$, $Ru_3(\mu\text{-}Cl)_2(CO)_8(NC_5H_5)(PPh_3)$ and Ru_3 *[Univ. New England, Dept. Chem., Armidale, NSW, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 466 pp. 221–231 (1994)
PERTICI, P., PITZALIS, E., MARCHETTI, F., ROSINI, C., SALVADORI, P., BENNETT, M.A., Preparation and resolution of chiral areneruthenium(II) complexes *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., CNR, Ctr. Macromolec. Stereordinate & Otticamente Att., Pisa, Italy; Australian Natl. Univ., Res. Sch. Chem., Canberra, ACT, Australia]*

Vol. 466 pp. 233–236 (1994)
TANASE, T., MOCHIZUKI, H., SATO, R., YAMAMOTO, Y., Formation of nitriles by a novel metathesis reaction of ruthenium σ-acetylide complexes, $(\eta^5\text{-indenyl})Ru(\eta^1\text{-}C{\equiv}CR)(\text{phosphine})_2$, with nitric oxide *[Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

Vol. 466 pp. 237–240 (1994)
HERRES, M., WALTER, O., LANG, H., HOSCH, R., HAHN, J., Synthese und Koordinationsverhalten von Di(1-phenyl-ethynyl)-sulfan *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany; Univ. Cologne, Inst. Anorgan. Chem., Cologne, Germany]*

Vol. 466 pp. 241–247 (1994)
BEER, P.D., GRAYDON, A.R., New anion receptors based on cobalticinium-aza crown ether derivatives *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 466 pp. 249–257 (1994)
ESTERUELAS, M.A., GARCÍA, M.P., MARTÍN, M., NÜRNBERG, O., ORO, L.A., WERNER, H., Reactions of $[IrH_2(Me_2CO)(Hpz)(PPh_3)_2]BF_4$ with alkynes: synthesis of new hydride vinyl iridium(III) complexes *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Organ., Zaragoza, Spain; Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 466 pp. 259–263 (1994)
NEVE, F., GHEDINI, M., CRISPINI, A., Iridium complexes of 2-(2'-thienyl)pyridine *[Univ. Calabria, Dipartimento Chim., Arcavacata, Italy]*

Vol. 466 pp. 265–271 (1994)
MAASSARANI, F., PFEFFER, M., SPENCER, J., WEHMAN, E., Selective hetero- and carbo-cycle syntheses via masked cyclopalladated secondary amine and ketone functions *[Univ. Strasbourg 1, CNRS, URA 416, Synth. Metalloinduites Lab., Strasbourg, France]*

Vol. 466 pp. 273–276 (1994)
BERTANI, R., CAVINATO, G., FACCHIN, G., TONIOLO, L., VAVASORI, A., New aspects of the carbonylation of allylpalladium complexes *[Univ. Padua, Fac. Ingn., Ist. Chim. Ind., CNR, Ctr. Chim. Tecnol. Composti Metallorgan. Elementi, Padua, Italy; Univ. Padua, Dipartimento Chim. Inorgan., Padua, Italy; Univ. Venezia, Dipartimento Chim., Venice, Italy]*

Vol. 466 pp. 277–282 (1994)
CAVINATO, G., DE MUNNO, G., LAMI, M., MARCHIONNA, M., TONIOLO, L., VITERBO, D., Isolation and characterization of the acyl complexes *trans*-$[Pt(PPh_3)_2(COR)Cl]$ (R = ^{n}Bu or ^{s}Bu) and their relevance to the hydroformylation of linear butenes catalyzed by platinum/tin/triphenylphosphine catalytic systems. Molecular structure of *[Univ. Venezia, Dipartimento Chim., Venice, Italy; Univ. Padua, Dipartimento Chim. Inorgan., Padua, Italy; Univ. Calabria, Dipartimento Chim., Arcavacata, Italy; Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy]*

Vol. 466 pp. 283–289 (1994)
SINGH, H.B., REGINI, A., JASINSKI, J.P., PAIGHT, E.S., BUTCHER, R.J., Synthesis and characterization of the complexes of trimethylplatinum(IV) iodide with some ditellurides and ditelluroethers: the crystal structure of $[(PtIMe_3)_2(p\text{-}MeOC_6H_4Te)_2]$ *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India; Keene State Coll., Dept. Chem., Keene, NH, USA; Howard Univ., Dept. Chem., Washington, DC, USA]*

Vol. 466 pp. 291–295 (1994)
RAUBENHEIMER, H.G., TOERIEN, J.G., KRÜGER, G.J., OTTE, R., VAN ZYL, W., OLIVIER, P., Characterization of mono(carbene) and bis(carbene) complexes of gold(I) derived from lithiated pyridine *[Rand Afrikaans Univ., Dept. Chem., Johannesburg, South Africa]*

Vol. 466 pp. C1–C4 (1994)
HAUSEN, H.-D., TÖDTMANN, J., WEIDLEIN, J., $[(CH_3C)_4N$-

$(CH_3)_2Al\cdots Cl\cdots Al(CH_3)_2$-$N(CCH_3)_4]Li$ – ein ungewöhnlicher Sandwich-Komplex des Lithiums *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

Vol. 466 pp. C5–C6 (1994)
GABLE, K.P., PHAN, T.N., Use of ozone as an oxygen atom transfer agent in the synthesis of pentamethylcyclopentadienyl rhenium trioxide *[Oregon State Univ., Dept. Chem., Corvallis, OR, USA]*

Vol. 467 pp. 1–11 (1994)
ANSORGE, A., BRAUER, D.J., BÜRGER, H., HAGEN, T., PAWELKE, G., BN cleavage of the azoniaboratacyclopropane ring by H_2O and by carbonyl and nitrile derivatives: crystal structure of $(CF_3)_2B(OH)CH(SiMe_3)NHMe_2$, $(CF_3)_2BCH(SiMe_3)NMe_2CMe_2O$ and $(MeC(O)NH)(CF_3)_2BCH(SiMe_3)NHMe_2$ *[Univ. Gesamthsch. Wuppertal, Wuppertal, Germany]*

Vol. 467 pp. 13–19 (1994)
HABEL, W., HARNACK, B., NOVER, C., SARTORI, P., Synthese, Charakterisierung und Folgereaktionen von verzweigten Poly(phenylcarbosilanen) *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany]*

Vol. 467 pp. 21–29 (1994)
REITER, B., HASSLER, K., Synthese, Schwingungsspektren und Normalkoordinatenanalyse von 1,2-Di-tert-butyltetrahalodisilanen *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 467 pp. 31–35 (1994)
UHLIG, W., TRETNER, C., Zur Synthese und Reaktivität aminofunktioneller Silyltriflate *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Halle, Germany]*

Vol. 467 pp. 37–46 (1994)
CHAUBON-DEREDEMPT, M.A., ESCUDIÉ, J., COURET, C., New digermanes: an attempted synthesis of a digermadiene *[Univ. Paul Sabatier, CNRS, UA 477, Chim. Organominéraux Lab., Toulouse, France]*

Vol. 467 pp. 47–49 (1994)
NG, S.W., DAS, V.G.K., LI, S.-L., MAK, T.C.W., μ-oxalatobis(tricyclohexyltin), a dinuclear tin compound with isomeric pentacoordinate tin sites *[Univ. Malaya, Inst. Adv. Studies, Kuala Lumpur, Malaysia; Univ. Malaya, Dept. Chem., Kuala Lumpur, Malaysia; Chinese Univ. Hong-Kong, Dept. Chem., Sha-tin, Hong-Kong]*

Vol. 467 pp. 51–55 (1994)
JAMES, B.D., MAGEE, R.J., PATALINGHUG, W.C., SKELTON, B.W., WHITE, A.H., Five-coordinate triphenyltin(IV)-sulfur compounds. Crystal structures of the aminoethanethiol and 2-mercaptopyridine-*N*-oxide derivatives *[La Trobe Univ., Dept. Chem., Bundoora, VIC, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 467 pp. 57–66 (1994)
SCHENK, W.A., VOß, E., Reaktive Arsen-Heterocyclen. III. 3-Arsolene: Synthese und Reaktionen am Arsen *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 467 pp. 67–73 (1994)
SCHENK, W.A., VOß, E., Reaktive Arsen-Heterocyclen. IV. Übergangsmetallkomplexe von 2,3,4,5-Tetramethylarsolen *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 467 pp. 75–78 (1994)
CHEN, W.Q., LIN, G.Y., XIA, J.S., WEI, G.C., ZHANG, Y., JIN, Z.S., Syntheses and crystal structures of $(\eta^5\text{-}C_5H_5)_3Ln(THF)$ (Ln=Ce, Er) *[Acad. Sinica, Changchun Inst. Appl. Chem., Changchun, P.R. China]*

Vol. 467 pp. 79–84 (1994)
MARTÍN, A., MENA, M., YÉLAMOS, C., SERRANO, R., RAITHBY, P.R., Dialkylamido derivatives of $[(\eta^5\text{-}C_5Me_5)TiCl_3]$, $[\{(\eta^5\text{-}C_5Me_5)TiCl_2\}_2(\mu\text{-}O)]$ and $[\{(\eta^5\text{-}C_5Me_5)TiCl\}_3(\mu\text{-}O)_3]$: X-ray crystal structure of $[(\eta^5\text{-}C_5Me_5)Ti(NMe_2)_3]$ *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain; Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 467 pp. 85–94 (1994)
BLAGBOROUGH, T.C., DAVIS, R., IVISON, P., Some transition metal complexes of $Ph_2P(CH_2)_nP(O)Ph_2$ ($n=1$, 2) and $Ph_2P(CH_2)P(S)Ph_2$ *[Kingston Univ., Sch. Appl. Chem., Kingston upon Thames, England]*

Vol. 467 pp. 95–102 (1994)
LI, S.H., MULLICA, D.F., SAPPENFIELD, E.L., STONE, F.G.A., Synthesis of the complexes $[N(PPh_3)_2][M(CO)_2(\eta^3\text{-}C_3H_5)(\eta^6\text{-}7,9\text{-}C_2B_{10}H_{10}Me_2)]$(M=Mo or W): crystal structure of $[N(PPh_3)_2][WBr(CO)_3(\eta^6\text{-}7,9\text{-}C_2B_{10}H_{10}Me_2)]$ *[Baylor Univ., Dept. Chem., Waco, TX, USA]*

Vol. 467 pp. 103–111 (1994)
HAHN, F.E., TAMM, M., Synthese und Koordinationchemie tripodaler, aromatischer Triisocyanide *[Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 467 pp. 113–118 (1994)
MANDAL, S.K., KRAUSE, J.A., ORCHIN, M., The synthesis and reactions of Mn and Re formyl complexes, *fac*-(P-P)M(CO)$_3$CHO. The X-ray structure of *fac*-(dppp)Mn(CO)$_3$CH$_2$OCH$_3$ *[Univ. Cincinnati, Dept. Chem., Cincinnati, OH, USA]*

Vol. 467 pp. 119–126 (1994)
GARCÍA, G., SOLANO, I., SÁNCHEZ, G., SANTANA, M.D., LÓPEZ, G., CASABÓ, J., MOLINS, E., MIRAVITLLES, C., Reactivity of $[\{(\eta^6\text{-arene})RuCl(\mu\text{-}Cl)\}_2]$ towards some potentially bidentate ligands. Molecular structure of $[(\eta^6\text{-}p\text{-cymene})RuCl(taz)]PF_6$... *[Univ. Murcia, Dept. Quim. Inorgan., Murcia, Spain; Univ. Autonoma Barcelona, Dept. Quim., Barcelona, Spain; CSIC, Inst. Ciencia Mat., Cerdanyola, Spain]*

Vol. 467 pp. 127–133 (1994)
BOERÉ, R.T., KLASSEN, B., MOOCK, K.H., Organometallic thiazenes. Oxidative addition of S_4N_4 to low-valent metals; electrochemistry and ^{15}N NMR of $CpCoS_2N_2$ and $Cp^*CoS_2N_2$ *[Univ. Lethbridge, Dept. Chem., Lethbridge, ALB, Canada]*

Vol. 467 pp. 135–143 (1994)
ARTHURS, M., BICKERTON, J., KUBAL, G., O'SULLIVAN, J., PIPER, C., HOGARTH, G., MORTON-BLAKE, D.A., Substituted cyclopentadienyl compounds. III. NMR and molecular orbital study of conformational preferences in some substituted (η^5-cyclopentadienyl)-rhodium(η^4-diene) compounds... (*[Coventry Univ., Sch. Nat. & Environm Sci., Div. Chem., Coventry, West Midlands, England; Univ. London, Univ. Coll., Christopher Ingold Labs, London, England; Univ. Dublin, Trinity Coll., Dept. Chem., Dublin, Ireland]*

Vol. 467 pp. 145–150 (1994)
HOGARTH, G., ARTHURS, M., BICKERTON, J.C., DALY, L., PIPER, C., RALFE, D., MORTON-BLAKE, D.A., Substituted cyclopentadienyl compounds. IV. NMR spectra of chloro-substituted (η^5-cyclopentadienyl)-rhodium-(η^4-diene) compounds and the crystal structure of (η^5-chlorocyclopentadienyl)-(η^4-2,3-dimethoxybutadiene)rhodium(I) *[Coventry Univ., Sch. Nat. & Environm Sci., Div. Chem., Coventry, West Midlands, England; Univ. London, Univ. Coll., Christopher Ingold Labs,*

London, England; Univ. Dublin, Trinity Coll., Dept. Chem., Dublin, Ireland]

Vol. 467 pp. 151–159 (1994)
García, M.P., Esteruelas, M.A., Martín, M., Oro, L.A., Pyrazolato-iridium(III) complexes *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain]*

Vol. 467 pp. 161–163 (1994)
Akobiya, M.M., Bregadze, V.I., Golubinskaya, L.M., Gundersen, S., Haaland, A., Vidar Volden, H., Mastryukov, V.S., Shishkov, I.F., Inductive effects on bridging Ga-Cl distances: the molecular structure of the dichloro(methyl) gallium dimer, $[Me_2Cl_2Ga_2(\mu\text{-}Cl)_2]$, determined by gas electron diffraction *[Univ. Oslo, Dept. Chem., Oslo, Norway; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Univ. Moscow, Dept. Chem., Moscow, Russia]*

Vol. 467 pp. 165–167 (1994)
Gavioli, G., Borsari, M., Zucchi, C., Pályi, G., Psaro, R., Ugo, R., Shchegolikhina, O.I., Zhdanov, A.A., Siloxane clusters of higher valence transition metals: redox properties *[Univ. Modena, Dept. Chem., Modena, Italy; Univ. Milan, Dept. Inorgan. & Organomet. Chem., Milan, Italy; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 467 pp. 169–180 (1994)
Blaschette, A., Lange, I., Krahl, J., Koch, D., Jones, P.G., Polysulfonylamine. LII. Darstellung neuer Triorganozinn(IV)-disulfonylamide. Festkörperstrukturen von $Ph_3SnN(SO_2Me)_2$, $^cHex_3SnN(SO_2Me)_2$ und $Ph_3SnN(SO_2Me)_2 \cdot Ph_3SnOH \cdot 2MeCN$ *[Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany]*

Vol. 467 pp. 181–187 (1994)
Lambert, M.-P., Ratier, M., Duboudin, J.-G., Pétraud, M., Double stannylation d'un propargylique par l'hydrure de tributyletain en presence de thiol *[Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France; Ecole Natl. Super Chim. & Phys. Bordeaux, Talence, France; Univ. Bordeaux 1, Ctr. Etud. Struct. & Anal. Molec. Organ., Talence, France]*

Vol. 467 pp. 189–194 (1994)
Jibril, I., Abu-Orabi, S.T., Klaib, S.A., Zsolnai, L., Huttner, G., Reactions of ring-substituted titanocene dichlorides with thiocyanate ions: Synthesis of new S-bonded thiocyanato titanocene complexes, and crystal structure of $(^tBu\text{-}C_5H_4)_2Ti(NCS)_2$ *[Yarmouk Univ., Dept. Chem., Irbid, Jordan; Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 467 pp. 195–206 (1994)
Rose-Munch, F., Khourzom, R., Djukic, J.P., Perrotey, A., Rose, E., Brocard, J., Réactivité d'halogénobenzène tricarbonylchrome vis-à-vis d'anions de sulfones *[Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France; Univ. Sci. & Technol. Lille, CNRS, Chim. Organ. Appl. Synth. Organomet. Lab., URA 402, Villeneuve d'Ascq, France]*

Vol. 467 pp. 207–216 (1994)
Forward, J.M., Mingos, D.M.P., Müller, T.E., Williams, D.J., Yan, Y.-K., Synthesis and structural characterization of metallacarborane sandwich salts with tetrathiafulvalene (ttf)$[M(C_2B_9H_{11})_2][ttf])$ (M=Cr, Fe, Ni) *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England; Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 467 pp. 217–222 (1994)
Rakoczy, H., Schollenberger, M., Nuber, B., Ziegler, M.L., $[CpMo(\mu\text{-}Se)(\mu\text{-}SePh)]_2$: ein vierfach chalkoagenato-verbrückter Dimolybdän-Komplex mit ungewöhnlicher Struktur *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 467 pp. 223–230 (1994)
Szymanska-Buzar, T., Glowiak, T., Crystal and molecular structure of the tris(diphenylacetylene)molybdenum(0) monocarbonyl $Mo(CO)(PhC{\equiv}CPh)_3$ *[Univ. Wroclaw, Inst. Chem., Wroclaw, Poland]*

Vol. 467 pp. 231–235 (1994)
López, E.M., Miguel, D., Pérez-Martínez, J.A., Riera, V., Heterodinuclear complexes of rhenium and molybdenum with bridging S_2CPR_3 ligands *[Univ. Oviedo, Fac. Quim., Dept. Quim. Organomet., Oviedo, Spain]*

Vol. 467 pp. 237–244 (1994)
Cambie, R.C., Rutledge, P.S., Welch, D.R., Woodgate, P.D., Reactions of η^2-(2-acylaryl-C,O)tetracarbonylmanganese(I) complexes with some vinyl sulfur compounds *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 467 pp. 245–249 (1994)
Mathur, P., Hossain, M.M., Rashid, R.S., Molecular structures of $Fe_4(CO)_{10}(\mu\text{-}CO)(\mu_4\text{-}Se)_2$ and $Fe_3Ru(CO)_{10}(\mu\text{-}CO)(\mu_4\text{-}Se)_2$ *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India]*

Vol. 467 pp. 251–281 (1994)
Adams, C.J., Bruce, M.I., Duckworth, P.A., Humphrey, P.A., Kuhl, O., Tiekink, E.R.T., Cullen, W.R., Braunstein, P., Coco Cea, S., Skelton, B.W., White, A.H., Cluster chemistry. XC. Some complexes obtained from reactions between $M_3(CO)_{12}$ (M=Ru or Os) or $Ru_3(\mu\text{-dppm})(CO)_{10}$ and 2-substituted triphenylphosphines and related keto-phosphine ligands *[Univ. Adelaide, Dept. Chem., Jordan Labs, Adelaide, SA, Australia; Univ. British Columbia, Dept. Chem., Vancouver, BC, Canada; Univ. Strasbourg 1, CNRS, URA 416, Chim. Coordinat. Lab., Strasbourg, France; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 467 pp. 283–292 (1994)
Sheldrick, W.S., Hauck, E., Korn, S., Preparation and structural characterization of η^5-pentamethylcyclopentadienyl-cobalt(III) complexes of α-amino acids with coordinating side chains *[Ruhr Univ. Bochum, Fac. Chem., Dept. Analyt. Chem., Bochum, Germany]*

Vol. 467 pp. 293–301 (1994)
Cornago, P., Escolástico, C., Santa María, M.D., Claramunt, R.M., Carmona, D., Esteban, M., Oro, L.A., Foces-Foces, C., Llamas-Saiz, A.L., Elguero, J., Complexes of rhodium and iridium derived from 2,5-bis(pyrazol-1'-yl)-1,4-dihydroxybenzene *[Uned, Fac. Ciencias, Dept. Quim. Organ. & Biol., Madrid, Spain; Univ. Zaragoza, ICMA, EUITI, Zaragoza, Spain; CSIC, Inst. Rocasolano, Madrid, Spain; Univ. Zaragoza, Dept. Quim. Inorgan., Zaragoza, Spain; CSIC, Inst. Quim. Med., Madrid, Spain; CSIC, Zaragoza, Spain]*

Vol. 467 pp. C3–C5 (1994)
Bochkarev, L.N., Makarov, V.M., Hrzhanovskaya, Y.N., Zakharov, L.N., Fukin, G.K., Yanovsky, A.I., Struchkov, Yu.T., Synthesis and structure of organosilicon and organogermanium complexes of ytterbium $(Ph_3E)_2Yb(THF)_4$ with Yb–Si and Yb–Ge bonds *[Nizhny Novgorod State Pedagog. Univ., Dept. Chem., Nizhnii Novgorod, Russia; Russian Acad.*

Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]

Vol. 467 pp. C6–C8 (1994)
YANG, Y.-L., CHEN, J.-D., LIN, Y.-C., CHENG, M.-C., WANG, Y., Homonuclear dirhenium complex bridged by CO_2: molecular structure of a rhenium dimer bridged by CO_2 and a rhenium chloride complex *[Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 468 pp. 1–6 (1994)
CASAS, J.S., CASTIÑEIRAS, A., SÁNCHEZ, A., SORDO, J., VÁZQUEZ-LÓPEZ, E.M., Dicyclohexyldithiophosphinates and diethyldithiophosphinates of methylmercury(II) and phenylmercury(II): crystal and molecular structure of $[HgPh(S_2PEt_2)]$ *[Univ. Santiago de Compostela, Dept. Quim. Inorgan., Santiago, Spain]*

Vol. 468 pp. 7–11 (1994)
CRAIG, P.J., GARRAUD, H., LAURIE, S.H., MENNIE, D., STOJAK, G.H., Nuclear magnetic resonance and mass spectra of organomercury hydrides and deuterides, Part II *[De Montfort Univ., Dept. Chem., Leicester, England]*

Vol. 468 pp. 13–19 (1994)
WU, Y.J., DING, K.L., WANG, Y., ZHU, Y., YANG, L., Transmetallation reaction of Schiff-base-type arylmercury compounds with 4-ethoxyphenyltellurium(IV) trichloride and the crystal structure of (4-ethoxyphenyl)[(2-benzylideneamino-5-methyl)phenyl]tellurium(IV) dichloride *[Zhengzhou Univ., Dept. Chem., Zhengzhou, P.R. China; Lanzhou Univ., Natl. Lab. Appl. Organ. Chem., Lanzhou, P.R. China]*

Vol. 468 pp. 21–23 (1994)
ASHE, A.J. (III), KLEIN, W., ROUSSEAU, R., An evaluation of the rotational barrier about the B–N bond of 1-aminoborepins *[Univ. Michigan, Dept. Chem., Ann Arbor, MI, USA]*

Vol. 468 pp. 25–35 (1994)
MARINGGELE, W., HEINE, A., NOLTEMEYER, M., MELLER, A., Reaktionen der Enthalogenierungsprodukte von Dichlor-(diisopropylamino)boran mit Olefinen in *n*-Hexan *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 468 pp. 37–41 (1994)
BECKETT, M.A., MINTON, P.R., WERSCHKUN, B., Synthesis and characterization of triarylborthiins, $Ar_3B_3S_3$ (Ar=4-MeC_6H_4, 3-MeC_6H_4, 2-MeC_6H_4, 4-EtC_6H_4, and 3,5-$Me_2C_6H_3$) *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales]*

Vol. 468 pp. 43–47 (1994)
SCHUMANN, H., NICKEL, S., WEIMANN, R., Bis(tetramethylcyclopentadienyl) gallium(III) chloride, tris(tetramethylcyclopentadienyl) gallium(III) and tris(pentamethylcyclopentadienyl) gallium(III) *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 468 pp. 49–53 (1994)
POLA, J., CUKANOVÁ, D., PONEC, R., STANCZYK, W., Laser powered homogeneous decomposition of tetramethyl-cyclotetrasiloxane. A source for hydroxy(methyl) silylene *[Acad. Sci. Czech Rep., Inst. Chem. Proc. Fundamentals, Prague, Czech Rep.; Polish Acad. Sci., Ctr. Molec. & Macromolec. Studies, Lodz, Poland]*

Vol. 468 pp. 55–62 (1994)
OHSHITA, J., KANAYA, D., ISHIKAWA, M., Polymeric organosilicon systems. XVIII. Synthesis and photochemical properties of poly[2,5-(disilanylene) thienylenes] *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan]*

Vol. 468 pp. 63–68 (1994)
TRETNER, C., ZOBEL, B., HUMMELTENBERG, R., UHLIG, W., Zur Funktionalisierung oligomerer und polymerer Silylalkine *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Halle, Germany]*

Vol. 468 pp. 69–74 (1994)
CROS, S., BENNETAU, B., DUNOGUES, J., BABIN, P., Une synthèse originale et rapide de (méthyldiéthoxysilyl)benzènes fonctionnels *[Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France; Univ. Bordeaux 2, Pharm Chim. Lab., Bordeaux, France]*

Vol. 468 pp. 75–86 (1994)
SCHENK, W.A., KHADRA, A., BURSCHKA, C., Sulfur(IV) compounds as ligands. XX. Adduct formation and ring opening of thiirane-1-oxide with organotin halides. Crystal structure of $[(4\text{-}FC_6H_4)_2SnCl_2(C_2H_4SO)_2]$ *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

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MCMANUS, J., CUNNINGHAM, D., HYNES, M.J., Nuclear magnetic resonance and structural investigations of the chemistry of organotin compounds. II. ^{119}Sn NMR investigations of the pyrazine adducts of dialkyltin(IV) dihalides *[Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 468 pp. 93–98 (1994)
IBRAHIM, A.M.A., SOLIMAN, T.M., ETAIW, S.E.H., FISCHER, R.D., On polymerization of some heterocyclic five-membered ring donors in the channels of the three-dimensional coordination polymer $[(Me_3Pb)_3Fe(CN)_6]_\infty$ *[Univ. Hamburg, Inst. Chem. & Molec. Sci., Hamburg, Germany]*

Vol. 468 pp. 99–106 (1994)
HEESCHE-WAGNER, K., MITCHELL, T.N., Approaches to water-soluble phosphines. II. Free radical addition reactions of phenylphosphines *[Univ. Dortmund, Fachbereich Chem., Dortmund, Germany]*

Vol. 468 pp. 107–111 (1994)
AL-RESAYES, S.I., JONES, C., MAAH, M.J., NIXON, J.F., Syntheses, solution and solid state $^{31}P\{^1H\}$ NMR studies, of the first symmetrically-bridging μ-perpendicular phosphaalkyne dirhodium(I) complexes $[Rh_2X_2(\mu\text{-dppm})_2(\mu\text{-RCP})]$ (R=^{t}Bu, Ad; X=Cl or Br) *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 468 pp. 113–119 (1994)
SILVESTRU, C., HAIDUC, I., EBERT, K.H., BREUNIG, H.J., SOWERBY, D.B., Trimethylantimony(V) diorganomonothio-phosphinates: the crystal structure of bis(diphenylmonothio-phosphinato) trimethylantimony(V), $Me_3Sb(OSPPh_2)_2$, containing a monodentate monothiophosphinato ligand *[Univ. Babes-Bolyai, Fac. Chim., Cluj-Napoca, Romania; Univ. Bremen, Bremen, Germany; Univ. Nottingham, Dept. Chem., Nottingham, England]*

Vol. 468 pp. 121–124 (1994)
BELETSKAYA, I.P., VOSKOBOYNIKOV, A.Z., SHESTAKOVA, A.K., YANOVSKY, A.I., FUKIN, G.K., ZACHAROV, L.N., STRUCHKOV, YU.T., SCHUMANN, H., The reaction of alkyl derivatives of yttrium and lutetium with organic disulphides and diselenides: The molecular structure of $\{(^tBuC_5H_4)_2Y(\mu\text{-SePh})\}_2{\cdot}C_6H_6$ *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; State Sci. Res. Inst. Chem. Technol. Organoelement Cpds, Moscow, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia;*

Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]

Vol. 468 pp. 125–129 (1994)
MASLAKOV, A.G., GREAVES, M.R., MCWHINNIE, W.R., MCWHINNIE, S.L.W., Aspects of the chemistry of diorgano tritellurides *[Univ. Aston, Birmingham, West Midlands, England; Brunel Univ., Dept. Chem., Uxbridge, Middx, England]*

Vol. 468 pp. 131–138 (1994)
SELENT, D., PICKARDT, J., CLAUS, P., Alkylierung kontra Protolyse: Alternative Synthesewege der Reaktion von μ-Hydroxy-cyclooctadien(1,5)-rhodium(I) Dimer mit Methylderivaten des Ti^{IV}. Synthese, Röntgenkristallstrukturanalyse und heterogen-katalytische Testung des neuartig *[Kai eV, Zentrum Heterogene Katalyse, Berlin, Germany; Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 468 pp. 139–142 (1994)
SHI, S., Kinetic method to estimate the reduction potential involving unstable organochromium macrocyclic complex *[Natl. Univ. Singapore, Opt. Crystal Lab., Singapore, Singapore; Natl. Univ. Singapore, Dept. Chem. Engn., Singapore, Singapore]*

Vol. 468 pp. 143–148 (1994)
BECK, G., LAPPERT, M.F., HITCHCOCK, P.B., Synthesis of the sterically hindered complexes $[M(CO)_5(CNBR_2)]$ [R=$CH(SiMe_3)_2$, M=Cr, Mo, or W]. crystal structure of $[Cr(CO)_5(CNBR_2)]$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 468 pp. 149–163 (1994)
MUTH, A., WALTER, O., HUTTNER, G., ASAM, A., ZSOLNAI, L., EMMERICH, CH., Eine einfache Synthese von Tripod-Liganden $H_3CC(CH_2PAr_2)_3$: Anwendungsbreite und Komplexchemie *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 468 pp. 165–170 (1994)
AJAYI-OBE, T., ARMSTRONG, E.M., BAKER, P.K., PRAKASH, S., 1,4-diphenylbutadiyne complexes of tungsten(II) *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales]*

Vol. 468 pp. 171–174 (1994)
BAKER, P.K., JACKSON, P.D., HARMAN, M.E., HURSTHOUSE, M.B., The synthesis, fluxional properties and X-ray crystal structure of $[WI(CO)(C_4H_3N_2S)(\eta^2\text{-}MeC_2Me)_2]$ (where $[C_4H_3N_2S]^-$=pyrimidine-2-thionate) *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales; Univ. London, Queen Mary & Westfield Coll., Dept. Chem., London, England]*

Vol. 468 pp. 175–182 (1994)
FALLER, J.W., ZHANG, N.J., CHASE, K.J., MUSKER, W.K., AMARO, A.R., SEMKO, C.M., Metal complexes of new chiral tridentate ligands with N-, P- and S donors: The crystal structure of $[(S)\text{-}Ph_2POCH_2CH(NMe_2)CH_2CH_2SCH_3]W(CO)_3$ *[Yale Univ., Dept. Chem., New Haven, CT, USA; Univ. Calif. Davis, Dept. Chem., Davis, CA, USA]*

Vol. 468 pp. 183–191 (1994)
BATCHELOR, R.J., EINSTEIN, F.W.B., HE, Y.X., SUTTON, D., Synthesis and X-ray structures of mono- and bis-acetonitrile derivatives of the cationic rhenium allyl complex $[(\eta^5\text{-}C_5Me_5)Re(CO)_2(\eta^3\text{-}C_3H_5)][BF_4]$ *[Simon Fraser Univ., Dept. Chem., Burnaby, BC, Canada]*

Vol. 468 pp. 193–198 (1994)
HALL, C.D., DANKS, I.P., BEER, P.D., CHU, S.Y.F., NYBURG, S.C., The reaction of 1,1'-bis-(chlorocarbonyl) ferrocene with tetrathia-diaza-18-crown-6 *[Univ. London, Kings Coll., Dept. Chem., London, England]*

Vol. 468 pp. 199–203 (1994)
LIU, C.-Y., CHENG, M.-C., PENG, S.-M., LIU, S.-T., Coordination of an amino-phosphino macrocycle with $(\eta^5$-cyclopentadienyl)-iron and $(\eta^5$-pentamethylcyclopentadienyl)-iron complexes *[Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 468 pp. 205–212 (1994)
JIN, Z., NOLAN, K., MCARTHUR, C.R., LEVER, A.B.P., LEZNOFF, C.C., Synthesis, electrochemical and spectroelectrochemical studies of metal-free 2,9,16,23-tetraferrocenylphthalocyanine *[York Univ., Dept. Chem., North York, ONT, Canada]*

Vol. 468 pp. 213–221 (1994)
MAGDESIEVA, T.V., KUKHAREVA, I.I., ARTAMKINA, G.A., BUTIN, K.P., BELETSKAYA, I.P., Electrochemically induced aromatic nucleophilic substitution with $[(\eta^5\text{-}C_5H_5)Fe(CO)_2]^-$ and $[(\eta^5\text{-}C_5H_5)Mo(CO)_3]^-$ anions *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 468 pp. 223–228 (1994)
ESPUELAS, J., ESTERUELAS, M.A., LAHOZ, F.J., LÓPEZ, A.M., ORO, L.A., VALERO, C., Synthesis of $[M(\eta^2\text{-}C_2Ph_2)(CO)(P^iPr_3)_2]$ (M=Os or Ru) and X-ray crystal structure of the osmium derivative *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain]*

Vol. 468 pp. 229–234 (1994)
AINSCOUGH, E.W., BRODIE, A.M., INGHAM, S.L., WATERS, J.M., Reactivity of triosmium clusters with substituted triphenylphosphines: the crystal and molecular structure of $[HOs_3(CO)_9(2\text{-}PNH)]$ (2-PNH_2=2-aminophenyldiphenylphosphine) *[Massey Univ., Dept. Chem. & Biochem., Palmerston North, New Zealand]*

Vol. 468 pp. 235–237 (1994)
CARLTON, L., MAASKE, B., Migration of $SnPh_3$ from metal to Cp in a cobalt cyclopentadienyl complex: preparation of $[Co\{C_5H_3(SnPh_3)_2\}(CO)_2]$ under mild conditions *[Univ. Witwatersrand, Dept. Chem., Ctr. Molec. Design, Johannesburg, South Africa]*

Vol. 468 pp. 239–247 (1994)
SCHNEIDER, J.J., NOLTE, M., KRÜGER, C., BOESE, R., Metal atoms in the synthesis of metal clusters. VI. Reactivity of cobalt and nickel atoms towards the mononuclear complexes $(\eta^5\text{-}Cp^R)Co(CO)_2$ (R=H, Me_4Et, Me_5, $^tBu_2$, $^iPr_2$) and $(\eta^5\text{-}Cp^{Me_5})Mn(CO)_3$. Crystal structure and redox properties *[Max Planck Inst. Coal Res., Mülheim, Germany; Univ. Gesamthsch. Essen, Inst. Anorgan. Chem., Essen, Germany]*

Vol. 468 pp. 249–256 (1994)
ALVAREZ, M., LUGAN, N., MATHIEU, R., The donor properties of 1,8-bis(diphenylphosphino)-3,6-dioxaoctane towards cationic rhodium(I) salts revisited. X-Ray structural characterization of a quadridentate mode of bonding *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 468 pp. 257–264 (1994)
LE, T.X., SELNAU, H.E., MEROLA, J.S., An unusual trimerization reaction of an alkyne on iridium *[Virginia Polytech. Inst. & State Univ., Dept. Chem., Blacksburg, VA, USA]*

Vol. 468 pp. 265–271 (1994)
CROSS, R.J., HOYLE, R.W., KENNEDY, A.R., MANOJLOVIC-MUIR, L., MUIR, K.W., Distortion of cyclopentadienyl rings in η^5-cyclopentadienyl-palladium complexes: crystal structures of $[Pd(C_5H_5)Cl(PMe_2Ph)]$ and $[Pd(C_5H_5)(Ph_2PCH_2CH_2PPh_2)][PF_6]$ *[Univ. Glasgow, Dept. Chem., Glasgow, Lanark, Scotland]*

Vol. 468 pp. 273–278 (1994)
STEPHAN, C., MUNZ, C., DIECK, H.TOM, Die palladium-katalysierte Cocyclisierung von Allenen mit electronarmen Alkinen. Einige Untersuchungen zum Kupplung von Allen-derivativen mit Acetylendicarbonsäuredimethylester an Palladium und Platin *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 468 pp. 279–283 (1994)
JAIN, V.K., CHAUDHURY, S., Synthesis and characterization of organoplatinum(II) dithiolate complexes of the type [PtAr(S S)(PMePh$_2$)] *[Bhabha Atom Res. Ctr., Div. Chem., Bombay, Maharashtra, India; Bhabha Atom Res. Ctr., Div. Fuel Chem., Bombay, Maharashtra, India]*

Vol. 468 pp. 285–290 (1994)
JAIN, V.K., KANNAN, S., BUTCHER, R.J., JASINSKI, J.P., Synthesis and characterization of binuclear arylthiolato- and phenylselenolato-bridged organoplatinum(II) complexes: crystal structure of [Pt$_2$Ph$_2$(μ-SPh)$_2$(PMe$_2$Ph)$_2$] *[Bhabha Atom Res. Ctr., Div. Chem., Bombay, Maharashtra, India; Bhabha Atom Res. Ctr., Div. Fuel Chem., Bombay, Maharashtra, India; Howard Univ., Dept. Chem., Washington, DC, USA; Keene State Coll., Keene, NH, USA]*

Vol. 468 pp. C1–C3 (1994)
WÖHRLE, T., THEWALT, U., Darstellung und Struktur des dimeren η^5-Cyclopentadienyl-titan-diformiats *[Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany]*

Vol. 468 pp. C4–C8 (1994)
ROSENTHAL, U., OHFF, A., TILLACK, A., BAUMANN, W., GÖRLS, H., Zu Reaktionen disubstituierter Butadiine mit Titanocen-Komplexen *[Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany]*

Vol. 468 pp. C9–C12 (1994)
CHARALAMBOUS, E., HEUER, L., JOHNSON, B.F.G., LEWIS, J., LI, W.-S., MCPARTLIN, M., MASSEY, A.D., High nuclearity ruthenium cluster compounds containing phosphorus ligands; synthesis and crystal structure of [Ru$_6$(CO)$_{11}$(P^{t}Bu)$_4$], [Ru$_7$(CO)$_{14}$(P^{t}Bu)$_4$], and [H$_3$Ru$_9$(CO)$_{20}$(μ_7-P)(P^{t}Bu)$_3$] *[Univ. Cambridge, Chem. Lab., Cambridge, England; Univ. North London, Sch. Chem., London, England]*

Vol. 469 pp. 1–9 (1994)
NELSON, D.J., MATTHEWS, M.K.G., A theoretical study of isomerization of and chloride migration in representative 1-chloro-2-methyl-1-propenylmetals *[Univ. Oklahoma, Dept. Chem. & Biochem., Norman, OK, USA]*

Vol. 469 pp. 11–13 (1994)
ALMOND, M.J., BEER, M.P., HEATH, P., HEYBURN, C.A., RICE, D.A., SHERIDAN, L.A., The synthesis and spectroscopic characterization of bis(γ-methoxypropyl) cadmium *[Univ. Reading, Dept. Chem., Reading, Berks, England]*

Vol. 469 pp. 15–17 (1994)
KAMPEL, V., WARSHAWSKY, A., Crown-ether-catalyzed synthesis of amine borane and amine trideuterioborane adducts from $NaBH_4$-$NaBD_4$ in ether *[Weizmann Inst. Sci., Dept. Organ. Chem., Rehovot, Israel]*

Vol. 469 pp. 19–23 (1994)
BEHBEHANI, H., BRISDON, B.J., MAHON, M.F., MOLLOY, K.C., The structure of hexa(cyclohexylsesquisiloxane), $(C_6H_{11})_6Si_6O_9$ *[Univ. Bath, Sch. Chem., Bath, Avon, England]*

Vol. 469 pp. 25–32 (1994)
SCHNEIDER-KOGLIN, C., MATHIASCH, B., DRÄGER, M., Über Teatraaryl-Methan-Analoga in der gruppe 14. III. Ar$_6$Sn/Pb (Ar=Ph, *p*-, *m*-, *o*-Tol, 2,4-xyl and 2,5-xyl): Gegenüberstellung von Bindungslängen und Winkeln, von NMR chemischen Verbindungen und Kupplungskonstanten... *[Johannes Gutenberg Univ., Inst. Anorgan. & Analyt. Chem., Mainz, Germany]*

Vol. 469 pp. 33–40 (1994)
CLARKE, N., CUNNINGHAM, D., HIGGINS, T., MCARDLE, P., MCGINLEY, J., O'GARA, M., Transition metal Schiff-base complexes as ligands in tin chemistry. IV. Reactions of triphenyltin chloride with divalent metal salicylaldimine complexes and the molecular structures of [SnPh$_3$Cl·H$_2$O]-[Ni(3-MeOsal1,3pn)·H$_2$O] (1:1)... *[Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 469 pp. 41–44 (1994)
MARTÍNEZ, E. GARCÍA, GONZÁLEZ, A.SÁNCHEZ, CASTIÑEIRAS, A., CASAS, J.S., SORDO, J., The crystal structure of tetraethylammonium trichlorodiphenylstannate(IV) *[Univ. Santiago de Compostela, Dept. Quim. Inorgan., Santiago, Spain]*

Vol. 469 pp. 45–53 (1994)
SOWERBY, D.B., BEGLEY, M.J., SILAGHI-DUMITRESCU, L., SILAGHI-DUMITRESCU, I., HAIDUC, I., Antimony(III) and phenylantimony(III) dimethyldithioarsinates: synthesis and mass spectral study. Crystal structure of Ph$_2$SbS$_2$AsMe$_2$, the first coordination polymer associated via bridging dimethyldithio-arsinate ligands *[Univ. Nottingham, Dept. Chem., Nottingham, England; Univ. Babes-Bolyai, Fac. Chim., Cluj-Napoca, Romania]*

Vol. 469 pp. 55–57 (1994)
JEMINE, X., GOFFART, J., LEVERD, P.C., EPHRITIKHINE, M., Organo-f-element thermochemistry. Absolute uranium–ligand bond disruption enthalpies of [UL$_3$-SX] complexes (L=C$_5$H$_4$^{t}Bu, C$_5$H$_4$SiMe$_3$ or C$_9$H$_6$SiMe$_3$ and X=Et or ^{t}Bu) *[State Univ. Liège, Analyt. Chem. & Radiochem. Lab., Liège, Belgium; CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Chim. Uranium Lab., CNRS, URA 331, Gif sur Yvette, France]*

Vol. 469 pp. 59–68 (1994)
ALLAOUD, S., CONTÉ, S., FENET, B., FRANGE, B., ROBERT, F., SÉCHERESSE, F., KARIM, A., ^{1}H and ^{13}C NMR studies of η^6-benzo-bonded (boron-nitrogen heteroarene) tricarbonylchromium complexes and related η^6-phenyl-bonded (*B,B',B''*-trimethyl-*N,N',N''*-triarylborazine) tricarbonylchromium complexes... *[Univ. Cadi Ayyad Semlalia, Chim. Coordinat. Lab., Marrakech, Morocco; Lab. Physicochim. Minerale 1, CNRS, URA 116, Villeurbanne, France; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France; Univ. Lyon 1, Ctr. RMN, Villeurbanne, France]*

Vol. 469 pp. 69–77 (1994)
LEIVA, C., MOSSERT, K., KLAHN, A.H., SUTTON, D., Reactions of rhenium trialkylphosphite complexes (η^5-C$_5$Me$_5$)-Re(CO)$_2${P(OR)$_3$} (R=Me or Et) with halogens and SbCl$_5$: reversible Arbuzov-like dealkylation to form rhenium dialkylphosphonate complexes (η^5-C$_5$Me$_5$)ReX(CO)$_2${PO(OR)$_2$} *[Simon Fraser Univ., Dept. Chem., Burnaby, BC, Canada; Univ. Catolica Valparaiso, Inst. Quim., Valparaiso, Chile]*

Vol. 469 pp. 79–87 (1994)
CARVALHO, M.F.N.N., DUARTE, M.T., GALVAO, A.M., POMBEIRO, A.J.L., Cyanide and methylisocyanide complexes of rhenium(I) [NBu$_4$][ReX(CN)(dppe)$_2$] (X=Cl or CN, dppe=Ph$_2$PCH$_2$CH$_2$PPh$_2$) and *trans*-[ReX(CNMe)(dppe)$_2$] (X=H, F, Cl or CN): crystal structures of *trans*-[ReX(CNMe)(dppe)$_2$] (X=H or Cl) *[Inst. Super Tecn., Ctr.*

Quim. Estrutural, Lisbon, Portugal]

Vol. 469 pp. 89–97 (1994)
BRUCE, M.I., HINCHLIFFE, J.R., SURYNT, R., SKELTON, B.W., WHITE, A.H., Cluster chemistry. XCIII. Reactions of $Ru_3(\mu$-dppm)$(CO)_{10}$ with benzyl halides: isolation and crystal structures of some unusual transformation products, including the Ru_4 chain cluster $Ru_4(\mu$-Br$)_2\{\mu$-*C, P:P*-$(C_6H_4)PPhCH_2PPh$ *[Univ. Adelaide, Dept. Chem., Jordan Labs, Adelaide, SA, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 469 pp. 99–105 (1994)
JENNER, G., Catalytic synthesis of ethanol from methyl formate *[Ecole Europeenne Hautes Etud. Ind. Chim., CNRS, URA 46, Piezochim. Organ. Synth. & Stereoreact. Lab., Strasbourg, France]*

Vol. 469 pp. 107–110 (1994)
DEV, S., SELEGUE, J.P., Convenient syntheses of $[RuCl(CO)_2(Cp)]$ and $[OsCl(CO)_2(Cp)]$ *[Univ. Kentucky, Dept. Chem., Lexington, KY, USA]*

Vol. 469 pp. 111–113 (1994)
BERKOVICH, E., BLUM, J., SCHUMANN, H., Interconversion of *syn*-$\{[(Me_3C)_3PrH(CO)]_2(\mu$-Cl$)(\mu$-SR$)\}$ and *syn*-$\{[(Me_3C)_3PRh(CO)]_2(\mu$-Cl$)(\mu$-$PR_2)\}$ through exchange of bridging ligands. A case of sterically inactivated chloro bridges in dirhodium complexes *[Hebrew Univ. Jerusalem, Dept. Organ. Chem., Jerusalem, Israel; Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 469 pp. 115–123 (1994)
MAAS, G., FRONDA, A., MAYER, D., BRÜCKMANN, R., A novel product pattern in the palladium(II)-catalyzed decomposition of a (1-diazo-2-oxoalkyl)silane *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany]*

Vol. 469 pp. 125–128 (1994)
DILLON, K.B., GOODWIN, H.P., Synthesis of some phosphaalkenes with the fluoromesityl $(2,4,6\text{-}(CF_3)_3C_6H_2)$ group on phosphorus and of their complexes with $[PtCl_2(PEt_3)]_2$ *[Univ. Durham, Dept. Chem., Durham, England]*

Vol. 469 pp. 129–133 (1994)
AL-JUAID, S.S., EABORN, C., HITCHCOCK, P.B., JAGGAR, A.J., SMITH, J.D., The reaction of $(Me_3Si)_3CBr$ with Mg in tetrahydrofuran (THF) or diethyl-ether. Crystal structure of $(Me_3Si)_3CMg(\mu$-Br$)_3Mg(THF)_3$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 469 pp. 135–149 (1994)
WESTERHAUSEN, M., RADEMACHER, B., SCHWARZ, W., WEIDLEIN, J., HENKEL, S., Heteroleptische Diorganylzink-Verbindungen des Typs $(Me_3Si)_3C$-Zn-R *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany; Univ. Stuttgart, Inst. Organ. Chem., Stuttgart, Germany]*

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LEE, C.-Y., LIU, C.-S., Fluorine migration in dimerization of tetrafluorodisilacyclobutene mediated by Group-VI transition metal carbonyls *[Natl. Tsing Hua Univ., Ctr. Mat. Sci., Hsin-Chu, Taiwan; Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan]*

Vol. 469 pp. 155–162 (1994)
SEITZ, TH., MUTH, A., HUTTNER, G., KLEIN, T., WALTER, O., FRITZ, M., ZSOLNAI, L., Synthese funktionalisierter *tripod*-Liganden: Aufbau, Veresterung und Koordinationsfähigkeit von $HOCH_2C(CH_2PPh_2)_3$ *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 469 pp. 163–168 (1994)
BÖTTCHER, H.-C., RHEINWALD, G., STOECKLI-EVANS, H., SÜSS-FINK, G., WALTHER, B., Ligandinduzierter Abbau von Dodecacarbonyltriruthenium mit Di-*tert*-butylphosphin: Synthese, Kristallstruktur und Strukturdynamik von $HRu_2(CO)_4(P^tBu_2)(HP^tBu_2)_2$ *[Univ. Neuchâtel, Inst. Chim., Neuchâtel, Switzerland; Martin Luther Univ. Halle Wittenberg, Fachbereich Chem., Halle, Germany]*

Vol. 469 pp. 169–178 (1994)
SHIU, K.-B., LIN, S.-T., CHOU, C.-C., PENG, S.-M., CHENG, M.-C., WANG, S.-L., LIAO, F.-L., Steric effects of bulky diazolylmethane ligands (N-N) on syntheses and structures of $[Mo(N\text{-}N)(CO)_4]$ *[Natl. Cheng Kung Univ., Dept. Chem., Tainan, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan; Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan]*

Vol. 469 pp. 179–187 (1994)
CARVALHO, M.F.N.N., POMBEIRO, A.J.L., HILLS, A., HUGHES, D.L., RICHARDS, R.L., Synthesis and redox properties of complexes of rhenium(I) with cyanoguanidine and some derivatives. Crystal structure of *trans*-$[Re\{NCNC(NH_2)_2\}$-$(CNMe)(Ph_2PCH_2CH_2PPh_2)_2][BF_4]$ *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Univ. Sussex, AFRC, Inst. Plant Sci. Res., Nitrogen Fixat. Lab., Brighton, East Sussex, England]*

Vol. 469 pp. 189–196 (1994)
COX, M.G., MANNING, A.R., The co-substitution reactions of analogues of $[Fe_2(\eta\text{-}C_5H_5)_2(CO)_2(\mu\text{-}CO)_2]$ in which the two cyclopentadienyl ligands are linked by a two-carbon chain *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland]*

Vol. 469 pp. 197–203 (1994)
BEURSKENS, P.T., BOSMAN, W.P., BRUSSAARD, H.C., HECK, J., KLEIN GEBBINK, R.J.M.K., MATERS, M., SMITS, J.M.M., Stereo- und regioselektive Mehrfachadditionen an komplexgebundenes Cyclooctatetraen in $[CpFe(\eta^6\text{-Cot})]^+$ *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany; Catholic Univ. Nijmegen, Vakgrp. Anorgan. & Algemene Chem., Nijmegen, Netherlands]*

Vol. 469 pp. 205–212 (1994)
WERNER, H., WECKER, U., PETERS, K., VON SCHNERING, H.G., Halogen(phenyl)-, Diphenyl-, Amino(phenyl)carben- und Phenylimido-Osmiumkomplexe durch Reaktion von $[(Mes)Os(CNR)Cl_2]$ mit Phenyllithium und Phenyl-Grignardreagenzien *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany; Max Planck Inst. Festkörperforsch., Stuttgart, Germany]*

Vol. 469 pp. 213–219 (1994)
SCHUMANN, H., HEMLING, H., RAVINDAR, V., BADRIEH, Y., BLUM, J., Effects of changes in the ligands on the skeleton and the catalytic activity of some new rhodium complexes with pyrazolato moieties *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Hebrew Univ. Jerusalem, Dept. Organ. Chem., Jerusalem, Israel]*

Vol. 469 pp. 221–228 (1994)
BRUNET, J.-J., COMMENGES, G., NEIBECKER, D., PHILIPPOT, K., Rhodium-catalyzed hydroamination-hydroarylation of norbornene with aniline, toluidines or diphenylamine *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 469 pp. 229–236 (1994)
TANI, K., TASHIRO, H., YOSHIDA, M., YAMAGATA, T., Stereoselective reaction of (±)-7-Phenyldinaphtho(2,1-*b*-1',2'-*d*)-

phosphole with an optically active palladium complex. Molecular structure and fluxional behavior of Pd{(*S*)-$C_6H_4CH(CH_3)N(CH_3)_2$}{(*P*)-PPh($C_{20}H_{12}$)}Cl *[Osaka Univ., Fac. Engn. Sci., Dept. Chem., Toyonaka, Osaka, Japan]*

Vol. 469 pp. 237–244 (1994)
ALBANO, V.G., CASTELLARI, C., FERRARA, M.L., PANUNZI, A., RUFFO, F., Five-coordinate hydrido-complexes [PtX(H)(*N,N*-chelate)(olefin)] (X=Cl, Br or I). Crystal structure of [PtCl(H)(2,9-Me_2-1,10-phenanthroline)(dimethyl-maleate)] *[Univ. Napoli Federico II, Dipartimento Chim., Naples, Italy; Univ. Bologna, Dipartimento Chim. G. Ciamician, Bologna, Italy]*

Vol. 469 pp. 245–252 (1994)
RUSSO, M.V., FURLANI, A., LICOCCIA, S., PAOLESSE, R., CHIESI-VILLA, A., GUASTINI, C., Synthesis of some bis(triphenylphosphine)(ethynylferrocenyl) platinum(II) complexes; molecular structure of [PtH(C≡C-$C_5H_4FeC_5H_5$)(PPh_3)$_2$] *[Univ. Roma La Sapienza, Dipartimento Chim., Rome, Italy; Univ. Siena, Dipartimento Chim., Siena, Italy; Univ. Roma Tor Vergata, Dept. Chem. Sci. & Technol., Rome, Italy; Univ. Parma, Ist. Strutt. Chim., Parma, Italy]*

Vol. 469 pp. 253–261 (1994)
PHANG, L.-T., HOR, T.S.A., ZHOU, Z.-Y., MAK, T.C.W., 1,1'-bis(diphenylphosphino)ferrocene complexes of gold(I). Polymeric [AuCl(μ-dppf)]$_n$ and dimeric [Au_2(dppf-P,P')$_2$(μ-dppf)](NO_3)$_2$ *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore; Chinese Univ. Hong-Kong, Dept. Chem., Sha-tin, Hong-Kong]*

Vol. 469 pp. C1–C4 (1994)
UHLIG, W., Neue modifizierte Polycarbosilane *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Halle, Germany]*

Vol. 469 pp. C5–C9 (1994)
KILIMANN, U., EDELMANN, F.T., Cyclooctatetraenyl-Komplexe der frühen Übergangsmetalle und Lanthanoide. II. Neue Cyclooctatetraenyl-Halbsandwich-Komplexe des Yttriums *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 469 pp. C10–C14 (1994)
KILIMANN, U., SCHÄFER, M., HERBST-IRMER, R., EDELMANN, F.T., Cyclooctatetraenyl-Komplexe der frühen Übergangsmetalle und Lanthanoide. III. Cyclooctatetraenyl-Lanthanoidtriflate und -iodide: Neue Ausgangsmaterialien für die Organolanthanoid-Chemie *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 469 pp. C15–C18 (1994)
KILIMANN, U., SCHÄFER, M., HERBST-IRMER, R., EDELMANN, F.T., Cyclooctatetraenyl-Komplexe der frühen Übergangsmetalle und Lanthanoide. IV. Strukturchemie des anionischen Sandwich-Komplexes [Ce($COT)_2$]$^-$ *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 469 pp. C19–C21 (1994)
RIECKHOFF, M., NOLTEMEYER, M., EDELMANN, F.T., HAIDUC, I., SILAGHI-DUMITRESCU, I., Ein alter Ligand in neuer Umgebung: Dreifach verbrückendes O,O'-Dimethyldithiophosphat im Organosamarium-Komplex [(C_5Me_5)Sm-{$S_2P(OMe)_2$}$_2$]$_2$ *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany; Univ. Babes-Bolyai, Fac. Chim., Cluj-Napoca, Romania]*

Vol. 469 pp. C22–C23 (1994)
BAKER, P.K., DURRANT, M.C., GOERDT, B., HARRIS, S.D., HUGHES, D.L., RICHARDS, R.L., η^3-Ligation of tetrathiamacrocycles to Mo and W: structures of [$WI(CO)_3$(η^3-(Me_8[16]aneS_4)][$WI_3(CO)_4$] and [$WI(CO)_2$(η^4-(Me_8[16]aneS_4)][$WI_3(CO)_4$]... *[Univ. Sussex, AFRC, Inst. Plant Sci. Res., Nitrogen Fixat. Lab., Brighton, East Sussex, England; Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales]*

Vol. 469 pp. C25–C26 (1994)
GIBBONS, M.N., BEGLEY, M.J., SOWERBY, D.B., Biphenyl-2,2'-diylphenylantimony dibromide; a new square pyramidal antimony(V) compound *[Univ. Nottingham, Dept. Chem., Nottingham, England]*

Vol. 469 pp. C27–C30 (1994)
KILIMANN, U., NOLTEMEYER, M., SCHÄFER, M., HERBST-IRMER, R., SCHMIDT, H.-G., EDELMANN, F.T., Cyclooctatetraenyl-Komplexe der frühen Übergangsmetalle und Lanthanoide. V. Synthese und Struktur von Monocyclooctatetraenyl-Komplexen des dreiwertigen Titans *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 469 pp. C31–C33 (1994)
CIRIANO, M.A., LANFRANCHI, M., ORO, L.A., PÉREZ-TORRENTE, J.J., TIRIPICCHIO, A., CAMELLINI, M.T., The unexpected formal insertion of a carbonyl group into a heterocyclic *N-Ir* bond *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy]*

Vol. 469 pp. C34–C36 (1994)
PAIARO, G., GANIS, P., Conformational equilibrium in *trans,trans,trans*-cyclododecatriene (CDT). Studies on *trans*-dichloro(cdt)α-methylbenzylamine-platinum(II) *[Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy]*

Vol. 470 pp. 1–16 (1994)
MAJEWSKI, M., GLEAVE, D.M., Reduction with lithium dialkylamides *[Univ. Saskatchewan, Dept. Chem., Saskatoon, SK, Canada]*

Vol. 470 pp. 17–22 (1994)
HUO, S.Q., WU, Y.J., ZHU, Y., YANG, L., *ortho*-Mercuration of ferrocenylimines *[Zhengzhou Univ., Dept. Chem., Zhengzhou, P.R. China; Lanzhou Univ., Natl. Lab. Appl. Organ. Chem., Lanzhou, P.R. China]*

Vol. 470 pp. 23–29 (1994)
MARINGGELE, W., DIELKUS, S., HERBST-IRMER, R., MICHAELSEN, H., MELLER, A., Reaktion von konjugierten Doppelbindungsystemen mit Dihalogen(diorganylamino)boranen und Na-K-Legierung *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany; Univ. Göttingen, Inst. Organ. Chem., Göttingen, Germany]*

Vol. 470 pp. 31–33 (1994)
SPORZYNSKI, A., SZATYLOWICZ, H., Can triorganoboroxins exist in a "monomeric" R-B=O form? MNDO calculations and ebulliometric molecular weight determination *[Warsaw Univ. Technol., Dept. Chem., Warsaw, Poland]*

Vol. 470 pp. 35–41 (1994)
WERNER, E., KLINGEBIEL, U., Cyclotetrasilazane als Precursor für Cyclotrisilazane und Bis(cyclodisilazan-1-yl)silane *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 470 pp. 43–57 (1994)
CARRÉ, F., CORRIU, R.J.P., KPOTON, A., POIRIER, M., ROYO, G., YOUNG, J.C., BELIN, C., Pentacoordinate silicon compounds: stereochemical non-rigidity of chelates formed by intramolecular ring-closure. Crystal structure of 8-dimethylamino-1-trifluorosilylnaphthalene *[Univ. Montpellier 2, CNRS, URA 1097, Heterochim. & Amino Acides Lab., Montpellier, France; Univ.*

Montpellier 2, CNRS, URA 79, Agregats Molec. & Mat. Inorgan. Lab., Montpellier, France]

Vol. 470 pp. 59–66 (1994)
AKKURT, M., KÖK, T.R., FALESCHINI, P., RANDACCIO, L., PUFF, H., SCHUH, W., Zur struktur der Diethylgermanium-diphenylsiliciumoxids und zur Konformation von Achtringen mit Silicium und Germanium *[Univ. Bonn, Inst. Anorgan. Chem., Bonn, Germany; Erciyes Univ., Fen Edebivat Fak, Kayseri, Turkey; Univ. Trieste, Dipartimento Sci. Chim., Trieste, Italy]*

Vol. 470 pp. 67–72 (1994)
SONIKA, NARULA, A.K., VERMANI, O.P., SHARMA, H.K., SARPAL, A.S., Synthesis of bimetallic [Sn^{IV},Al^{III}]-μ-oxoisopropoxyacetate and -μ-oxoisopropoxide and their acetylacetone and benzoylacetone derivatives *[Kurukshetra Univ., Dept. Chem., Kurukshetra, Haryana, India; Indian Oil Corp., Faridabad, India]*

Vol. 470 pp. 73–85 (1994)
CHIN, M., DURST, G.L., HEAD, S.R., BOCK, P.L., MOSBO, J.A., Molecular mechanics (MM2) calculations and cone angles of phosphine ligands *[James Madison Univ., Dept. Chem., Harrisonburg, VA, USA; Ball State Univ., Dept. Chem., Muncie, IN, USA]*

Vol. 470 pp. 87–92 (1994)
BREUNIG, H.J., DENKER, M., EBERT, K.H., Struktur und Reaktionen von Methylantimondihaliden und Versuche zur Darstellung von Methylantimon *[Univ. Bremen, Bremen, Germany]*

Vol. 470 pp. 93–98 (1994)
EBERT, K.H., SCHULZ, R.E., BREUNIG, H.J., SILVESTRU, C., HAIDUC, I., Syntheses and structures of dimesitylbismuth(III) bromide, Mes_2BiBr, and bis(diphenyldithiophosphinato)-mesitylbismuth(III), $MesBi(S_2PPh_2)_2$ *[Univ. Bremen, Bremen, Germany; Univ. Babes-Bolyai, Fac. Chim., Cluj-Napoca, Romania]*

Vol. 470 pp. 99–107 (1994)
DENG, D.L., JIANG, Y.Q., QIAN, C.T., WU, G., ZHENG, P.J., Studies on organolanthanide complexes. LIII. Synthesis, spectroscopic and X-ray crystallographic characterization of new early organolanthanide, organoyttrium hydride and organoholmium hydroxide complexes *[Chinese Acad. Sci., Shanghai Inst. Organ. Chem., Organomet. Chem. Lab., Shanghai, P.R. China; Fudan Univ., Anal. & Measurement Res. Ctr., Shanghai, P.R. China]*

Vol. 470 pp. 109–117 (1994)
FUSSING, I.M.M., PLETCHER, D., WHITBY, R.J., The synthesis and electrochemistry of $CpTiCl_2(OR)$ (R=alkyl, aryl) complexes *[Univ. Southampton, Dept. Chem., Southampton, Hants, England]*

Vol. 470 pp. 119–125 (1994)
FUSSING, I.M.M., PLETCHER, D., WHITBY, R.J., The electrochemical reduction of Cp_2TiCl_2 in the presence of trimethylphosphine *[Univ. Southampton, Dept. Chem., Southampton, Hants, England]*

Vol. 470 pp. 127–130 (1994)
ANTIÑOLO, A., FAJARDO, M., DE JESUS, E., MUGNIER, Y., OTERO, A., Delocalization of the unpaired spin density in some niobocene complexes with σ-donor, π-acceptors *[Univ. Castilla La Mancha, Fac. Quim., Dept. Quim. Inorgan. Organ. & Bioquim., Ciudad Real, Spain; Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain; Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France]*

Vol. 470 pp. 131–135 (1994)
ROSE-MUNCH, F., KHOURZOM, R., DJUKIC, J.P., ROSE, E., LANGLOIS, B., VAISSERMAN, J., Etude conformationelle du complexe η^6-(4-(trifluorométhoxy)aniline)tricarbonylchrome *[Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France; Univ. Lyon 1, CNRS, URA 467, Chim. Organ. Lab. 3, Villeurbanne, France; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 470 pp. 137–145 (1994)
CAPON, J.F., CORNEN, S., LE BERRE-COSQUER, N., PICHON, R., KERGOAT, R., L'HARIDON, P., Reaction of sodium amalgam with (μ-enyne)bis(dicarbonyl-η^5-cyclopentadienylmolybdenum(I)) and (μ-η^2,η^3-allenyl)bis(dicarbonyl-η^5-cyclopentadienylmolybdenum) tetrafluoroborate complexes. Crystal structure of [[{$Mo(\eta^5$-C_5H_5) *[Univ. Bretagne Occidentale, Fac. Sci., CNRS, Unite Chim. Electrochim. Molec. & Chim. Analyt., Brest, France; Univ. Rennes Beaulieu, CNRS, URA 1496, Chim. Mat. Lab., Unite Verres & Ceram., Rennes, France]*

Vol. 470 pp. 147–152 (1994)
ASCENSO, J.R., CARVALHO, M.DE DEUS, DIAS, A.R., ROMAO, C.C., CALHORDA, M.J., VEIROS, L.F., Nuclear magnetic resonance studies of sulfur inversion in bis(cyclopentadienyl)-molybdenum and -tungsten complexes with dithioethers *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Fac. Ciencias Lisboa, Dept. Quim., Lisbon, Portugal; Inst. Tecnol. Quim. & Biol., Oeiras, Portugal]*

Vol. 470 pp. 153–159 (1994)
INGHAM, S.L., KHAN, M.S., LEWIS, J., LONG, N.J., RAITHBY, P.R., Synthesis and characterization of monomeric, dimeric and polymeric ferrocenylacetylides. Crystal structure of 1,1'-bis(phenylethynyl)ferrocene *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 470 pp. 161–167 (1994)
WEI, H.-H., HWANG, I.-S., CHENG, M.-C., WANG, Y., Preparation and Mössbauer spectroscopic studies of 1',1'''-diacetyl- and 1'-acetyl-1'''-(1-naphthylimino-ethyl)biferrocenes and their partially oxidized biferrocenium salts *[Tamkang Univ., Dept. Chem., Tamsui, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 470 pp. 169–171 (1994)
DATTA, S.N., KONDRU, R.-K., MATHUR, P., Molecular orbital calculations on $Fe_4(CO)_{10}(\mu$-$CO)(\mu_4$-$Se)_2$ and $Fe_3Ru(CO)_{10}$ (μ-$CO)(\mu_4$-$Se)_2$ *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India]*

Vol. 470 pp. 173–177 (1994)
CABEZA, J.A., MULLA, F., RIERA, V., Synthesis and derivative chemistry of $[Ru_2(\mu$-$PPh_2)(\mu$-$OH)_2(\eta^6$-*p*-cymene$)_2]^+$ *[Univ. Oviedo, Fac. Quim., Dept. Quim. Organomet., Oviedo, Spain]*

Vol. 470 pp. 179–182 (1994)
OHKITA, K., KUROSAWA, H., HIRAO, T., IKEDA, I., NMR conformational studies of (1,2-bis(diarylphosphino)ethane)-(diorgano sulfide)ruthenium complexes *[Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

Vol. 470 pp. 183–187 (1994)
SHELDRICK, W.S., GLEICHMANN, A., η^5-pentamethyl-cyclopentadienylruthenium(II) complexes containing η^6-coordinated α-amino-acids *[Ruhr Univ. Bochum, Fac. Chem., Dept. Analyt. Chem., Bochum, Germany]*

Vol. 470 pp. 189–190 (1994)
OHKITA, K., KUROSAWA, H., HIRAO, T., IKEDA, I., Relative stability of η^5-cyclopentadienyl(olefin)ruthenium cations: the first estimation of the nature of the Ru(II)–olefin bond *[Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

Vol. 470 pp. 191–197 (1994)
SUSTMANN, R., PATZKE, B., BOESE, R., The reaction of dihydridotetrakis(triphenylphosphane)ruthenium(II) with methyl acrylate. Crystal structure of bis(methylacrylate)-bis(triphenylphosphane)(aqua)ruthenium(0) *[Univ. Gesamthsch. Essen, Inst. Organ. Chem., Essen, Germany; Univ. Gesamthsch. Essen, Inst. Anorgan. Chem., Essen, Germany]*

Vol. 470 pp. 199–205 (1994)
KOIKE, M., SHAPLEY, J.R., The reaction of $(\mu\text{-H})_2Os_3(CO)_9(PPh_3)$ with ethylene affords the ethylidene complex $(\mu\text{-H})_2Os_3(CO)_9(PPh_3)(\mu\text{-CHCH}_3)$ *[Univ. Illinois, Dept. Chem., Urbana, IL, USA]*

Vol. 470 pp. 207–222 (1994)
KING, J.A., VOLLHARDT, K.P.C., Thermally and photochemically induced vinyl-hydrogen activation of [η^4-1,2-3,4-(*trans*-1,3,5-hexatriene)](η^5-cyclopentadienyl)cobalt: regio- and stereospecific hydrogen migrations *[Univ. Calif. Berkeley, Dept. Chem., Berkeley, CA, USA; Univ. Calif., Lawrence Berkeley Lab., Berkeley, CA, USA]*

Vol. 470 pp. 223–229 (1994)
ZHANG, Z.-Z., YU, A., XI, H.-P., WANG, R.-J., WANG, H.-G., Formation and structure of $[Co\{Ph_2PN(^tBu)PPh_2\text{-}P,P'\}_2(CO)]$-$[Co(CO)_4]$ – a cage molecule-pair or an ion-pair complex? *[Nankai Univ., Elementoorgan. Chem. Lab., Tianjin, P.R. China; Nankai Univ., Cent. Lab., Tianjin, P.R. China]*

Vol. 470 pp. 231–236 (1994)
SOLOOKI, D., BRADSHAW, J.D., TESSIER, C.A., YOUNGS, W.J., SEE, R.F., CHURCHILL, M., FERRARA, J.D., Syntheses and crystal -structures of 1,2:5,6:9,10:13,14:17,18:21,22-hexabenzo-3,7,11,15,19,23-hexadehydro(24)annulene (HBC), 1,2:5,6:9,10:13,14-tetrabenzo-3,7,11,15-tetradehydro-(16)annulene (QBC) and a tetracobalt complex of QBC. The first example *[Univ. Akron, Dept. Chem., Akron, OH, USA; SUNY, Dept. Chem., Buffalo, NY, USA; Molec. Struct. Corp., The Woodlands, TX, USA]*

Vol. 470 pp. 237–242 (1994)
BÖRNER, A., KADYROV, R., MICHALIK, M., HELLER, D., Analogues of DIOP. Synthesis, reactivity, and NMR behaviour *[Univ. Rostock, Max Planck Ges., Arbeitsgrp. Asymmetr. Katalyse, Rostock, Germany; Univ. Rostock, Inst. Organ. Katalyseforsch., Rostock, Germany]*

Vol. 470 pp. 243–247 (1994)
SCHULZ, M., WERNER, H., Ein Betrag zur Darstellung und Reaktivität der η^3-Allyliridium-komplexe $[Ir(\eta^3\text{-}2\text{-}RC_3H_4)(P^iPr_3)_2]$ *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 470 pp. 249–252 (1994)
GIANNOCCARO, P., Reactivity of mono- and di-methoxycarbonyl complexes of Pd^{II} towards amines and copper amine complexes: role of copper in the catalyzed palladium-copper oxidative carbonylation of amines *[Univ. Bari, Dipartimento Chim., Bari, Italy; Univ. Bari, CNR, Ctr. Miso, Bari, Italy]*

Vol. 470 pp. 253–255 (1994)
HOSOKAWA, T., SUGAFUJI, T., YAMANAKA, T., MURAHASHI, S.-I., Elimination of β-palladium hydroxide in the Pd^{II}-catalyzed reaction of methyl (α-hydroxymethyl)acrylate with alcohols *[Osaka Univ., Fac. Engn. Sci., Dept. Chem., Toyonaka, Osaka, Japan]*

Vol. 470 pp. 257–261 (1994)
JENNER, G., BEN TALEB, A., Synthesis of aromatic acids via catalyzed methyl formate-chloroarene reactions *[Ecole Europeenne Hautes Etud. Ind. Chim., CNRS, URA 46, Piezochim. Organ. Synth. & Stereoreact. Lab., Strasbourg, France]*

Vol. 470 pp. 263–269 (1994)
SATO, M., SUZUKI, K., ASANO, H., SEKINO, M., KAWATA, Y., HABATA, Y., AKABORI, S., Molecular structure and electrochemical properties of the Pt^{II} complex of 1,1'-bis(methylthio)-ferrocene and the Pd^{II} complexes of 1,4,7-trithia[7]- and 1,5,9-trithia[9](1,1')ferrocenophanes *[Saitama Univ., Ctr. Chem. Anal., Urawa, Saitama, Japan; Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

Vol. 470 pp. 271–274 (1994)
CARMONA, D., FERRER, J., LAMATA, M.P., ORO, L.A., LIMBACH, H.-H., SCHERER, G., ELGUERO, J., JIMENO, M.L., Determination of the free activation energy for the breaking of the $^{31}P\text{-}^{107(109)}Ag$ bond in $[(\eta^6\text{-}p\text{-cymene})Ru(\mu\text{-pz})_3Ag(PPh_3)]$ *[CSIC, Inst. Quim. Med., Madrid, Spain; Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain; Free Univ. Berlin, Fachbereich Chem., Inst. Organ. Chem., Berlin, Germany]*

Vol. 470 pp. 275–283 (1994)
BOVIO, B., CALOGERO, S., WAGNER, F.E., BURINI, A., PIETRONI, B.R., A ^{197}Au Mössbauer study of reaction products of trimeric 1-benzyl-2-gold(I)-imidazole leading to Au(I) carbene or Au(I) imidazoline complexes and trinuclear Au(III) imidazolyl derivatives. X-Ray crystal structure of [{(μ-1-benzylimidazol *[Univ. Pavia, Dipartimento Chim. Gen., Pavia, Italy; Univ. Venezia, Dipartimento Chim. Fis., Venice, Italy; Univ. Munich, Dept. Phys. Tech., Garching, Germany; Univ. Camerino, Dipartimento Sci. Chim., Camerino, Italy]*

Vol. 470 pp. C1–C3 (1994)
WEBER, L., RÜHLICKE, A., Übergangsmetall-substituierte Acylphosphane und Phosphaalkene. XX. Dipolare [3+2]-Cycloadditionen eines Acetylendicarbonsäureesters an die Metallophosphaalkene $(\eta^5\text{-}C_5Me_5)(CO)_2Fe\text{-}P{=}C(R)SiMe_3$ (R = Ph, $SiMe_3$) *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 470 pp. C4–C7 (1994)
GOTI, A., SEMMELHACK, M.F., Direct synthesis of (η^6-arene)-tricarbonylchromium complexes by arene displacement from tricarbonyl(η^5-1-methylpyrrole)chromium(0) *[Univ. Florence, Dept. Organ. Chem., Florence, Italy; Princeton Univ., Dept. Chem., Princeton, NJ, USA]*

Vol. 470 pp. C8–C11 (1994)
KUHN, N., KRATZ, T., BOESE, R., BLÄSER, D., Heterocyklen als Liganden. XX. Spektroskopische und strukturelle Charakterisierung von Pentacarbonylmetall-Komplexen der Imidazol-2-ylidene *[Tech. Univ. Chemnitz Zwickau, Fachbereich Chem., Chemnitz, Germany; Univ. Gesamthsch. Essen, Inst. Anorgan. Chem., Essen, Germany]*

Vol. 470 pp. C12–C14 (1994)
BERNARDES, V., VERDAGUER, X., MOYANO, A., PERICAS, M.A., RIERA, A., GREENE, A.E., A convenient synthesis of hexacarbonyldicobalt complexes of chiral (non-racemic) terminal alkoxyacetylenes *[Univ. Joseph Fourier, LEDSS, Grenoble, France; Univ. Barcelona, Dept. Quim. Organ., Barcelona, Spain]*

Vol. 470 pp. C15–C18 (1994)
BERENGUER, J.R., FORNIÉS, J., LALINDE, E., MARTÍNEZ, F., Unusual stabilization of cationic ''$M(\eta^3\text{-allyl})^{+n}$ (M = Pt, Pd) units

by a dianionic *cis*-{$Pt(C_6F_5)_2(C{\equiv}CSiMe_3)_2\}^{2-}$ fragment *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Organ., Zaragoza, Spain; Univ. La Rioja, Dept. Quim., Logrono, Spain]*

Vol. 471 pp. 1–18 (1994)
KHUSNUTDINOV, R.I., DZHEMILEV, U.M., Transition metal complexes in the chemistry of vinylcyclopropanes *[Bashkirian Acad. Sci., Inst. Petrochem. & Catalysis, Ufa, Russia]*

Vol. 471 pp. 19–21 (1994)
KINOSHITA, T., MURATA, N., FUJITA, R., YANAGI, Y., TAKEUCHI, K., The effects of t-butyl substituents on the thermodynamic stability of the cyclopentadienide ion *[Kyoto Univ., Grad. Sch. Engn., Div. Energy & Hydrocarbon Chem., Kyoto, Japan]*

Vol. 471 pp. 23–27 (1994)
FRÖHLICH, H.-O., WYRWA, R., GÖRLS, H., PIEPER, U., Beiträge zur Chemie organometallischer metallacyclischer Nebengruppenmetallverbindungen. IX. Eine ungewöhnliche Koordinations-geometrie des Platin(II) in dem homoleptischen Metallacyclopentankomplex $[Li(PMDETA)]_2Pt(CH_2CH_2CH_2CH_2)_2$ *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 471 pp. 29–33 (1994)
GHILARDI, C.A., MIDOLLINI, S., ORLANDINI, A., VACCA, A., Interaction of methyl- and phenyl-mercury(II) with the tripod ligand tris(2-dimethylaminoethyl)amine *[CNR, Ist. Studio Stereochim. & Energet. Composti Coord., Florence, Italy]*

Vol. 471 pp. 35–38 (1994)
FÄCKE, T., BERGER, S., Two-dimensional ^{13}C,^{199}Hg correlation: a new NMR method for characterization of organomercury compounds *[Univ. Marburg, Dept. Chem., Marburg, Germany]*

Vol. 471 pp. 39–42 (1994)
MITCHELL, T.N., KOWALL, B., Tin/mercury exchange in 1,2-distannyl-1-alkenes and 1-silyl-2-stannyl-1-alkenes *[Univ. Dortmund, Fachbereich Chem., Dortmund, Germany]*

Vol. 471 pp. 43–45 (1994)
GLIDEWELL, C., RHODES, C.J., Radical cations from trialkylsilanes: a computational study of structures and energetics *[Univ. St. Andrews, Sch. Chem., St. Andrews, Fife, Scotland; Univ. London, Queen Mary & Westfield Coll., Dept. Chem., London, England]*

Vol. 471 pp. 47–52 (1994)
MOCHIDA, K., MORI, S., YOSHIZAWA, C., TOKURA, S., WAKASA, M., HAYASHI, H., Photochemical reactions of germoxanes: generation of germyl and germoxy radicals *[Gakushuin Univ., Fac. Sci., Dept. Chem., Tokyo, Japan; Inst. Phys. & Chem. Res., Wako, Saitama, Japan]*

Vol. 471 pp. 53–61 (1994)
MOKAL, V.B., JAIN, V.K., TIEKINK, E.R.T., Synthesis and characterization of diorganotin diethylphosphorothioates. Crystal structures of $([Me_2Sn\{O(S)P(OEt)_2\}]_2O)_2$ and $[^tBu_2Sn(\mu\text{-}OH)\{O(S)P(OEt)_2\}]_2$ *[Univ. Adelaide, Dept. Chem., Adelaide, SA, Australia; Bhabha Atom Res. Ctr., Div. Chem., Bombay, Maharashtra, India]*

Vol. 471 pp. 63–67 (1994)
TUDELA, D., Vibrational and ^{119}Sn Mössbauer spectra and X-ray crystal structure of ammonium tetrafluorodimethylstannate(IV) *[Univ. Autonoma Madrid, Dept. Quim., Madrid, Spain]*

Vol. 471 pp. 69–70 (1994)
CHEN, W., A reinvestigation of the crystal structure of the organotin complex formed in the reaction of butyltin trichloride with 1-(2-methyl-2,3-dihydrobenzothiazol-2-yl)-propan-2-one *[Univ. Malaya, Dept. Chem., Kuala Lumpur, Malaysia]*

Vol. 471 pp. 71–76 (1994)
GLIDEWELL, C., RHODES, C.J., Structures and energetics of radical cations containing tributyltin fragments: a PM3 study *[Univ. St. Andrews, Sch. Chem., St. Andrews, Fife, Scotland; Univ. London, Queen Mary & Westfield Coll., Dept. Chem., London, England]*

Vol. 471 pp. 77–85 (1994)
ZHANG, L.-J., MO, X.-S., HUANG, Y.-Z., On pentaorganylstiborane. III. Regio- and diastereoselective additions of acetylenic and allenic organoantimony compounds to aldehydes *[Chinese Acad. Sci., Shanghai Inst. Organ. Chem., Organomet. Chem. Lab., Shanghai, P.R. China]*

Vol. 471 pp. 87–95 (1994)
GRÄPER, J., FISCHER, R.D., PAOLUCCI, G., Lanthanocene (Ln = Pr^{III}, Yb^{III}) chlorides involving tetramethyldisiloxane-interlinked cyclopentadienyl ligands *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany; Univ. Venezia, Dipartimento Chim., Venice, Italy]*

Vol. 471 pp. 97–104 (1994)
PAOLUCCI, G., D'IPPOLITO, R., YE, C.Q., QIAN, C.T., GRÄPER, J., FISCHER, D.R., New dinuclear bis(cyclopentadienyl)-lanthanoid chlorides containing η^5-C_5H_4 ligands linked by a metal-coordinated 2,6-dimethylenepyridyl unit *[Univ. Venezia, Dipartimento Chim., Venice, Italy; Chinese Acad. Sci., Shanghai Inst. Organ. Chem., Shanghai, P.R. China; Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 471 pp. 105–109 (1994)
GIBSON, V.C., KEE, T.P., Reactions of $(\eta^5C_5Me_5)Ta(PMe_3)(H)_2(\eta^2\text{-}CHPMe_2)$ with heterocumulenes and the interconversion of tautomeric formamido complexes of tantalum *[Univ. Leeds, Sch. Chem., Leeds, West Yorkshire, England; Univ. Durham, Dept. Chem., Durham, England]*

Vol. 471 pp. 111–115 (1994)
TATSUMI, K., TAHARA, A., NAKAMURA, A., Linear *vs.* bent M–O–R bonds in d^0 metal alkoxides: X-ray crystal structure of $(C_5Me_5)Ta(S^tBu)_3(O^nBu)$ and EHMO analysis *[Osaka Univ., Fac. Engn. Sci., Dept. Chem., Toyonaka, Osaka, Japan; Osaka Univ., Fac. Sci., Dept. Macromolec. Sci., Toyonaka, Osaka, Japan]*

Vol. 471 pp. 117–122 (1994)
BRUNNER, H., POLL, L., WACHTER, J., NUBER, B., Neue FeAaS-Käfigstrukturen aus $[Cp^+Fe(CO)_2]_2$ ($Cp^+ = C_5Me_4Et$) und Realgar *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany; Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 471 pp. 123–132 (1994)
EREMENKO, I.L., BERKE, H., VAN DER ZEIJDEN, A.A.H., KOLOBKOV, B.I., NOVOTORTSEV, V.M., Formation of antiferromagnetic heteronuclear thiolate and sulfide bridged complexes. II. Synthesis, magnetic properties, and molecular structures of the clusters $Cp_2Cr_2(\mu\text{-}SCMe_3)_2(\mu_4\text{-}S)W_2(\mu\text{-}I)_2(CO)_4(NO)_2$... *[Univ. Zürich, Inst. Anorgan. Chem., Zürich, Switzerland; Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia]*

Vol. 471 pp. 133–147 (1994)
CAMBIE, R.C., RUTLEDGE, P.S., STEVENSON, R.J., WOODGATE, P.D., Cyclopentaannulation of podocarpic acid derivatives *via* (η^6-arene)tricarbonylchromium(0) complexes; ring D modification *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 471 pp. 149–155 (1994)
CAMBIE, R.C., RUTLEDGE, P.S., STEVENSON, R.J., WOODGATE, P.D., Ring A modification of podocarpic acid derivatives: functionalization and cyclopentaannulation of ring C *via* (η^6-arene)tricarbonylchromium(0) complexes *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 471 pp. 157–160 (1994)
BOKORNY, S., CONNOR, J.A., KASPAR, H., Complexes of polyhydro-2,2'-bipyridines with molybdenum and tungsten carbonyls *[Univ. Kent, Chem. Lab., Canterbury, Kent, England]*

Vol. 471 pp. 161–164 (1994)
FORSTER, G.D., HOGARTH, G., Synthesis and molecular structure of the organometallic allylimido complex [*cis,trans*-$WCl_2(Ph_2PMe)_2(CO)(NCH_2CH{=}CH_2)$] *[Univ. London, Univ. Coll., Dept. Chem., London, England]*

Vol. 471 pp. 165–170 (1994)
VICHI, E.J.S., STEIN, E., SAITOVITCH, E.B., Mössbauer spectroscopy of (benzylideneacetone)$Fe(CO)_2L$ complexes with L=CO, phosphites and phosphines. An analysis of ligand effects *[Univ. Estadual Campinas, Inst. Quim., Campinas, SP, Brazil; Conselho Nacl. Desenvolvimento Cient. & Tecnol., Ctr. Brasileiro Pesquisas Fis., Rio de Janeiro, Brazil]*

Vol. 471 pp. 171–177 (1994)
ZANELLO, P., CINQUANTINI, A., MANGANI, S., OPROMOLLA, G., PARDI, L., JANIAK, C., RAUSCH, M.D., The redox behaviour of ferrocene derivatives. VI. Benzylferrocenes. The crystal structure of decabenzylferrocenium tetrafluoroborate *[Univ. Siena, Dipartimento Chim., Siena, Italy; Univ. Florence, Dept. Chem., Florence, Italy; Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Univ. Massachusetts, Dept. Chem., Amherst, MA, USA]*

Vol. 471 pp. 179–184 (1994)
SATO, M., HAYASHI, Y., SHINTATE, H., KATADA, M., KAWATA, S., Oxidized Fe^{II} ferrocenylacetylide complexes. A novel type of mixed-valence complex *[Saitama Univ., Ctr. Chem. Anal., Urawa, Saitama, Japan; Tokyo Metropolitan Univ., Fac. Sci., Dept. Chem., Hachioji, Tokyo, Japan]*

Vol. 471 pp. 185–191 (1994)
MATHUR, P., HOSSAIN, MD.M., MAHON, M.F., Carbon–selenium bond cleavage in the double butterfly complex [$\{(CO)_6Fe_2(\mu\text{-}Se)_2\}_2\{C(Ph)\text{-}C(H)\}$] and the synthesis and X-ray structural analysis of its dppe-substituted derivative *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India; Univ. Bath, Sch. Chem., Bath, Avon, England]*

Vol. 471 pp. 193–199 (1994)
WHITTALL, I.R., CIFUENTES, M.P., COSTIGAN, M.J., HUMPHREY, M.G., GOH, S.C., SKELTON, B.W., WHITE, A.H., Organometallic materials for non-linear optics. second-harmonic generation by (aryldiazovinylidene)ruthenium complexes; X-ray structure of [$Ru(C{=}CPhN{=}NC_6H_4OMe\text{-}4)(PPh_3)_2(\eta\text{-}C_5H_5)$]-[$BF_4$]·$CH_2Cl_2$ *[Univ. New England, Dept. Chem., Armidale, NSW, Australia; Telecom Australia Res. Labs, Photon Sect., Clayton, VIC, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 471 pp. 201–209 (1994)
MOASSER, B., GROSS, C., GLADFELTER, W.L., Synthesis, structure, and oxidation-induced dimerization of a chelating bis(phosphite) Ruthenium carbonyl *[Univ. Minnesota, Dept. Chem., Minneapolis, MN, USA]*

Vol. 471 pp. 211–219 (1994)
BRECKENRIDGE, S.M., CARTY, A.J., PELLINGHELLI, M.A., TIRIPICCHIO, A., SAPPA, E., Chemistry of polynuclear allenyl complexes: the $\mu\text{-}\eta^1{:}\eta^2$-allenyl diruthenium system $Ru_2(CO)_6$ (μ-PPh_2)($\mu\text{-}\eta^1{:}\eta^2$-C(Ph)=C=$CH_2$). Dimetallocycles via C-C, C-N and C-S bond forming reactions... *[Univ. Waterloo, Guelph Waterloo Ctr. Grad. Work Chem., Dept. Chem., Waterloo, ONT, Canada; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy; Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy]*

Vol. 471 pp. 221–228 (1994)
STEED, J.W., TOCHER, D.A., Coordination of primary amine ligands to an allyl ruthenium(IV) centre *[Univ. London, Univ. Coll., Dept. Chem., London, England]*

Vol. 471 pp. 229–239 (1994)
DEMERSEMAN, B., RENOUARD, C., LE LAGADEC, R., GONZALEZ, M., CROCHET, P., DIXNEUF, P.H., The hemilabile behaviour of alkyl diphenylphosphinoacetate ligands promoting the reversible coordination of small molecules on (η^6-arene)ruthenium(II) centres *[Univ. Rennes 1, CNRS, URA 415, Chim. Coordinat. Organ. Lab., Rennes, France]*

Vol. 471 pp. 241–248 (1994)
MOHMAND, G.F., THIELE, K., WENT, M.J., Preparation of cyclic and acyclic thioethers via hexacarbonyldicobalt alkyne complexes *[Univ. Kent, Chem. Lab., Canterbury, Kent, England]*

Vol. 471 pp. 249–258 (1994)
MÜLLER, J., FRIEDRICH, C., GAEDE, P.ESCARPA, SODEMANN, S., QIAO, K., π-Olefin-Iridium-Komplexe. XIX. Synthese, Struktur und Reaktivität von Bis(diene)iridium-benzyl-, -cyclopropyl-, -vinyl- und -cyclopenta-dienyl-Komplexen *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 471 pp. 259–263 (1994)
VILA, J.M., GAYOSO, M., FERNÁNDEZ, J.J., ORTIGUEIRA, J.M., FERNANDEZ, A., BAILEY, N.A., ADAMS, H., Cyclometallated compounds of palladium(II) with diphosphines. The X-ray crystal structure of [$\{Pd[2,3,4\text{-}(MeO)_3C_6HC(H){=}NCy]\}_2$ (μ-$Ph_2PC(=CH_2)PPh_2$)Cl_2] *[Univ. Santiago de Compostela, Dept. Quim. Inorgan., Santiago, Spain; Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 471 pp. 265–272 (1994)
LÓPEZ, C., SOLANS, X., TRAMUNS, D., Formation of an endo-type nine-membered metallocycle *via* insertion of diphenylacetylene into the σ(Pd-Csp^2, ferrocene) bond... *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Barcelona, Dept. Cristallog. Mineral & Diposits Minerals, Barcelona, Spain]*

Vol. 471 pp. 273–276 (1994)
CROSS, R.J., FARRUGIA, L.J., KUMA, K.E.A., Structure of carbonylchloro(η^1-cyclopentadienyl) (methyldiphenylphosphine)-platinum *[Univ. Glasgow, Dept. Chem., Glasgow, Lanark, Scotland]*

Vol. 471 pp. 277–282 (1994)
WONG, W.-K., GAO, J.-X., WONG, W.-T., CHENG, W.C., CHE, C.-M., Synthesis and reactivity of *N,N'*-bis (*o*-(diphenylphosphino)benzylidene-2,2'-diimino-1,1'-binaphthylene (Binap-P_2N_2) – crystal structure of [Ag(Binap-P_2N_2)][BF_4] *[Hong-Kong Baptist Coll., Dept. Chem., Kowloon, Hong-Kong; Xiamen Univ., Dept. Chem., Xiamen, P.R. China; Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]*

Vol. 471 pp. C1–C3 (1994)
PEREGUDOV, A.S., ROKHLINA, E.M., KRAVTSOV, D.N., On the relationship of the equilibrium constants of exchange reactions

involving HX-acids and their organometallic derivatives L_nMX with the absolute and chemical hardness of corresponding anions and cations *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 471 pp. C4–C5 (1994)
KIRA, M., OYAMADA, T., SAKURAI, H., Trialkyltin cation in solution *[Tohoku Univ., Fac. Sci., Dept. Chem., Sendai, Miyagi, Japan]*

Vol. 471 pp. C6–C7 (1994)
KOMIYA, S., KABASAWA, T., YAMASHITA, K., HIRANO, M., FUKUOKA, A., C–O bond cleavage and oxidative addition of allyl carboxylate to ruthenium(0) complex. Isolation of (π-allyl)-(trifluoroacetato)tris(triethylphosphine)ruthenium(II) *[Tokyo Univ. Agr. & Technol., Dept. Appl. Chem., Koganei, Tokyo, Japan]*

Vol. 471 pp. C8–C10 (1994)
CANTY, A.J., HONEYMAN, R.T., ROBERTS, A.S., TRAILL, P.R., COLTON, R., SKELTON, B.W., WHITE, A.H., Oxidation of organoplatinum(II) and -palladium(II) complexes by water. The X-ray structure of the trimethylpalladium(IV) complex *fac*-[$PdMe_3${tris(pyrazol-1-yl)borate}] formed on oxidation of a dimethylpalladium(II) reagent *[Univ. Tasmania, Dept. Chem., Hobart, TAS, Australia; La Trobe Univ., Dept. Chem., Bundoora, VIC, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 472 pp. 1–13 (1994)
FRÖHLICH, H.-O., KOSAN, B., UNDEUTSCH, B., GÖRLS, H., Beiträge zur Chemie organometallischer metallacyclischer Nebengruppenmetallverbindungen. X. Synthese, NMR-spektroscopische und DTA-Untersuchungen der ersten homoleptischen metallacyclischen "at-Komplexe"... *[Friedrich Schiller Univ., Inst. Anorgan. & Analyt. Chem., Jena, Germany; Friedrich Schiller Univ., Max Planck Ges., Jena, Germany]*

Vol. 472 pp. 15–25 (1994)
SCHUMANN, H., JUST, O., SEUß, T.D., WEIMANN, R., Intramolekular stabilisierte Gallium- und Indiumorganyle: Synthese und Röntgenstrukturanalyse repräsentativer 5-Methyl-1-galla(inda)-5-azacyclooktane *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 472 pp. 27–38 (1994)
JUTZI, P., HEIDEMANN, T., NEUMANN, B., STAMMLER, H.-G., Funktionalisierte Siliciumverbindung mit ω-Tetramethyl- und ω-Pentamethylcyclopentadienylalkyl-Liganden: Molekulare Bausteine zur Darstellung von Metall-haltigen Polymeren *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 472 pp. 39–41 (1994)
BÖHME, U., THIELE, K.-H., Bis[(tert-butylamido-dimethylsilyl)cyclopentadienyl]zirconium, (t-C_4H_9N-$SiMe_2$-$C_5H_4)_2$Zr, ein spiranoider Zircacyclus *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Merseburg, Germany]*

Vol. 472 pp. 43–54 (1994)
BURN, M.J., BERGMAN, R.G., A study of the silanolysis of triphenylsilane and *p*-methoxyphenol catalyzed by $(PMe_3)_4RuH_2$ and the stoichiometric reactions of $(PMe_3)_4$Ru(H)$(OC_6H_4$-*p*-X) (X=Me, OMe) with Ph_3SiH *[Univ. Calif. Berkeley, Dept. Chem., Berkeley, CA, USA]*

Vol. 472 pp. 55–70 (1994)
PIETSCH, J., WOLSKI, A., DAHLENBURG, L., MOLL, M., BERKE, H., VEGHINI, D., EREMENKO, I.L., Koordinationschemie functioneller Phosphine: Carbonyl- und Carbonyl(nitrosyl)-wolfram-Derivate von 2-Diphenylphosphinoanalin und 2-Diphenylphosphinobenzoesäure *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Anorgan. Chem., Erlangen, Germany; Univ. Zürich, Inst. Anorgan. Chem., Zürich, Switzerland]*

Vol. 472 pp. 71–77 (1994)
TAUBE, R., WINDISCH, H., Komplexkatalyse. XLIV. Darstellung und charakterisierung von Monocyclopentadienyl-tri(allyl)-lanthanat(III)-Komplexen und ihre Eignung zur Katalyse der stereospezifischen Butadienepolymerization *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Merseburg, Germany]*

Vol. 472 pp. 79–85 (1994)
VAN DEN HENDE, J.R., HITCHCOCK, P.B., LAPPERT, M.F., NILE, T.A., The synthesis and X-ray structures of ytterbocene(II) complexes containing pendant pyridyl groups, [$Yb(Cp^x)_2$] {$Cp^x=\eta^5$-C_5H_3(R)[$CMe_2(CH_2)_nC_5H_4$N-2]-1,3; R=H or $SiMe_3$ and n=0 or 1} *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England; Univ. North Carolina, Dept. Chem., Greensboro, NC, USA]*

Vol. 472 pp. 87–95 (1994)
FIERRO, R., RAUSCH, M.D., ROGERS, R.D., HERBERHOLD, M., New sulfur and selenium derivatives of (η^5-cyclopentadienyl) (η^7-cycloheptatrienyl) titanium, and their application in the syntheses of heterobimetallic compounds *[Univ. Massachusetts, Dept. Chem., Amherst, MA, USA; North Illinois Univ., Dept. Chem., De Kalb, IL, USA; Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 472 pp. 97–112 (1994)
ALEANDRI, L.E., BECKE, S., BOGDANOVIC, B., JONES, D.J., ROZIERE, J., [$HTiCl(THF)^{-0.5}]_x$ – a highly reactive titanium hydride and an active species in the McMurry reaction *[Max Planck Inst. Coal Res., Mülheim, Germany; Univ. Montpellier 2, CNRS, URA 79, Agregats Molec. & Mat. Inorgan. Lab., Montpellier, France]*

Vol. 472 pp. 113–118 (1994)
ALT, H.G., MILIUS, W., PALACKAL, S.J., Verbrückte Bis(fluorenyl)komplexe des Zirconiums und Hafniums als hochreaktive katalysatoren bei der homogenen Olefinpolymerisation. Molekülstrukturen von ($C_{13}H_9$-C_2H_4-$C_{13}H_9$) und (η^5:η^5-$C_{13}H_8$-C_2H_4-$C_{13}H_8$)$ZrCl_2$ *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany; Phillips Petr Co., Bartlesville, OK, USA]*

Vol. 472 pp. 119–126 (1994)
SÜßMILCH, F., OLBRICH, F., GAILUS, H., RODEWALD, D., REHDER, D., σ-Alkenyl and halogeno complexes of vanadium (I and II). The crystal structures of $(ClV(CO)_2(Ph_2PCH_2CH_2PEt_2)_2$·benzene, $Br_2V(Me_2PCH_2CH_2PMe_2)_2$ and $I_2V(Me_2PCH_2CH_2PMe_2)_2$·toluene *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 472 pp. 127–138 (1994)
SCHMIDT, S., SUNDERMEYER, J., Höhervalente Derivate der d-Metall-Säuren. X. Imidokomplexe des fünf- und vierwertigen Niobs und Tantals mit Halbsandwich- und Metallocen-Struktur *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 472 pp. 139–148 (1994)
KREITER, C.G., FRÖHLICH, H.-P., FRANK, W., MÜLLER-BECKER, S., Photochemische Reaktionen von Übergangsmetall-Organyl-Komplexen mit Olefinen. IX. Photoreaktionen von Tricarbonyl-η^5-cyclopentadienyl-hydrido-wolfram und Tricarbonyl-hydrido-η^5-indenyl-wolfram mit 1,3,5,7-Cyclooctatetraen *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany]*

Vol. 472 pp. 149–162 (1994)
KAHN, A.P., BOESE, R., BLÜMEL, J., VOLLHARDT, K.P.C., Synthesis and chemistry of heterobimetallic fulvalene complexes containing W, Mo, and Rh *[Univ. Calif. Berkeley, Dept. Chem., Berkeley, CA, USA]*

Vol. 472 pp. 163–174 (1994)
FISCHER, H., REINDL, D., HOFMANN, J., TROLL, C., 2-azoniaallenyliden-Komplexe des Mangans – Synthese, Struktur und Reaktivität *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 472 pp. 175–183 (1994)
HERBERHOLD, M., HOFMANN, T., MILIUS, W., WRACKMEYER, B., Neue Untersuchungen zu zwei alten Sandwich-Verbindungen: Cyclopentadienyl-mangan-benzol und Cyclopentadienyl-mangan-biphenyl *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 472 pp. 185–193 (1994)
CASEY, C.P., HA, Y.Y., POWELL, D.R., Synthesis and reaction of rhenium enyne, and vinylalkenylidene complexes *[Univ. Wisconsin, Dept. Chem., Madison, WI, USA]*

Vol. 472 pp. 195–204 (1994)
CANTRELL, W.R., RICHTER-ADDO, G.B. (JR.), GLADYSZ, J.A., Syntheses of cyclic imine complexes of the chiral rhenium Lewis acid $[(\eta^5\text{-}C_5H_5)Re(NO)(PPh_3)]^+$ by hydride ion abstraction from amido complexes *[Univ. Utah, Dept. Chem., Salt Lake City, UT, USA]*

Vol. 472 pp. 205–213 (1994)
BOSCH, H.W., STAUBER, R., SALZER, A., Synthese bicyclischer Pentaalkylcyclopentadiene und ihrer Metallkomplexe. Kristallstruktur von Bis(1,2,3-trimethylbicyclo[4.3.0]nonadienyl)eisen *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany; Univ. Zürich, Inst. Anorgan. Chem., Zürich, Switzerland]*

Vol. 472 pp. 215–220 (1994)
MÜLLER, H., SEIDEL, W., GÖRLS, H., Zur Chemie des Dimesityleisens. VII. Die Reaktionen von Dimesityleisen mit Isocyanaten und Isothiocyanaten; Struktur des Produkts mit Phenylisocyanat *[Friedrich Schiller Univ., Inst. Anorgan. & Analyt. Chem., Jena, Germany; Friedrich Schiller Univ., Max Planck Ges., Jena, Germany]*

Vol. 472 pp. 221–227 (1994)
LINDNER, E., WASSING, W., FAWZI, R., STEIMANN, M., Darstellung und Eigenschaften von und Reaktionen mit metallhaltigen Heterocyclen. LXXXVIII. Bicyclische und kohlenwasserstoffüberbrückte Übergangsmetallkomplexe mit Cyclohexan als Gerüstbaustein *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

Vol. 472 pp. 229–246 (1994)
MUELLER-WESTERHOFF, U.T., HAAS, T.J., SWIEGERS, G.F., LEIPERT, T.K., The protonation mechanism of metallocenes and (1.1)metallocenophanes *[Univ. Connecticut, Dept. Chem., Storrs, CT, USA]*

Vol. 472 pp. 247–255 (1994)
KHAN, M.S., KAKKAR, A.K., INGHAM, S.L., RAITHBY, P.R., LEWIS, J., SPENCER, B., WITTMANN, F., FRIEND, R.H., Synthesis and electronic structure of rigid rod octahedral Ru-σ acetylide complexes *[Univ. Cambridge, Chem. Lab., Cambridge, England; Beloit Coll., Dept. Chem., Beloit, WI, USA; Univ. Cambridge, Cavendish Lab., Cambridge, England]*

Vol. 472 pp. 257–273 (1994)
SCHENK, W.A., STUR, T., DOMBROWSKI, E., Die Koordinationschemie C=S-funktioneller Verbindungen. X. Kationische Ruthenium-Thiobenzaldehyd-Komplexe: Synthese durch Hydridabstraktion aus Benzylthiolat-Komplexen, Struktur, dynamisches Verhalten und Reaktionen *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 472 pp. 275–284 (1994)
BRINGMANN, G., SCHÖNER, B., SCHUPP, O., SCHENK, W.A., REUTHER, I., PETERS, K., PETERS, E.-M., VON SCHNERING, H.G., Synthesis and ring-opening reactions of cationic ruthenium biaryl thionolactone complexes *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany; Univ. Würzburg, Inst. Organ. Chem., Würzburg, Germany; Max Planck Inst. Festkörperforsch., Stuttgart, Germany]*

Vol. 472 pp. 285–294 (1994)
ADAMS, C.J., BRUCE, M.I., SCHULZ, M., SKELTON, B.W., WHITE, A.H., Cluster chemistry. XCIV. Preparation and characterization of some Ru_5 clusters containing vinylidene ligands *[Univ. Adelaide, Dept. Chem., Jordan Labs, Adelaide, SA, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 472 pp. 295–302 (1994)
LUO, S.F., RAUCHFUSS, T.B., RHEINGOLD, A.L., Thermal decomposition of $(C_6Me_6)Ru(\mu^4\text{-}C_4Me_4S)$ and related reactivity and structural studies *[Univ. Illinois, Sch. Chem. Sci., Urbana, IL, USA; Univ. Delaware, Dept. Chem., Newark, DE, USA]*

Vol. 472 pp. 303–310 (1994)
POLZER, T., KIEFER, W., Extended normal coordinate analysis of an (arene)osmium(II) complex with the inclusion of the ring ligand *[Univ. Würzburg, Inst. Phys. Chem., Würzburg, Germany]*

Vol. 472 pp. 311–316 (1994)
JONES, W.D., CHIN, R.M., Carbon–sulfur bond cleavage by cobalt. Reaction of $Cp^*Co(C_2H_4)_2$ with dibenzothiophene *[Univ. Rochester, Dept. Chem., Rochester, NY, USA]*

Vol. 472 pp. 317–328 (1994)
FRASER, B., BRANDT, L., STOVALL, W.K., KAESZ, H.D., KHAN, S.I., MAURY, F., Investigation of $[(py)(Et)Co(dmg{\cdot}GaEt_2)_2]$ and $[Ni(dmg{\cdot}GaEt_2)_2]$ (py = pyridine; dmg = dimethylglyoximato) as single-source precursors for deposition of β-CoGa and NiGa by MOCVD. Crystal-structure of $[(py)(Et)Co(dmg{\cdot}GaEt_2)(dmgH)]$ *[Univ. Calif. Los Angeles, Dept. Chem. & Biochem., Los Angeles, CA, USA; CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France]*

Vol. 472 pp. 329–335 (1994)
MÜLLER, J., GAEDE, P.E., HIRSCH, C., QIAO, K., Photochemische Synthese und Kristallstrukturen von Cyclopentadienyl-rhodium-η^4-naphthalin und -η^4-anthracen *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 472 pp. 337–345 (1994)
SHAFIQ, F., EISENBERG, R., Synthesis, structure and reactivity of binuclear rhodium dicationic carbonyl complexes *[Univ. Rochester, Dept. Chem., Rochester, NY, USA]*

Vol. 472 pp. 347–354 (1994)
MAYER, H.A., OTTO, H., KUHLBAUCH, H., FAWZI, R., STEIMANN, M., *cis,cis*-1,3,5-Tris(diphenylphosphino) cyclohexane (tdppcy). A new tripodal phosphine that forms metal complexes with adamantane-type structures. Crystal structure of $Ir(tTdppcy)Cl_3$ *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

Vol. 472 pp. 355–358 (1994)
KLÄUI, W., GLAUM, M., WAGNER, T., BENNETT, M.A., Organopalladium-Komplexe mit Palladium in der Oxidationsstufe +IV werden durch tripodale Sauerstoffliganden stabilisiert *[Univ. Düsseldorf, Inst. Anorgan. Chem. & Strukturchem., Düsseldorf, Germany; Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany; Australian Natl. Univ., Res. Sch. Chem., Canberra, ACT, Australia]*

Vol. 472 pp. 359–363 (1994)
GUSEV, O.V., MOROZOVA, L.N., PEGANOVA, T.A., PETROVSKII, P.V., USTYNYUK, N.A., MAITLIS, P.M., Synthesis of η^5-1,2,3,4,5-pentamethylcyclopentadienyl-platinum complexes *[Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 472 pp. 365–370 (1994)
OLBRICH, F., BEHRENS, U., WEISS, E., Metallorganische Verbindungen des Kupfers. VII. Synthese und Struktur von Alkin-Alkinyl-Kupfer(I)-Komplexen (Alkin=3,3,6,6-Tetramethyl-1-thia-4-cycloheptin; Alkinyl=C≡C-C_6H_5, C≡C-^{t}C_4H_9) *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 472 pp. 371–376 (1994)
ANGERMAIER, K., ZELLER, E., SCHMIDBAUR, H., Crystal structures of chloro(trimethylphosphine)gold(I), chloro(tri-(I)propylphosphine)gold(I) and bis(trimethylphosphine)gold(I) chloride *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 472 pp. C1–C4 (1994)
HOWARD, W.A., PARKIN, G., Multiple bonds between hafnium and the chalcogens: syntheses and structures of the terminal chalcogenido complexes (η^5-$C_5Me_4R)_2Hf(E)(NC_5H_5)$(E=O, S, Se, Te) *[Columbia Univ., Dept. Chem., New York, NY, USA]*

Vol. 472 pp. C5–C7 (1994)
ZHU, N.Y., VAHRENKAMP, H., Paramagnetisches [$(CO)_5$Cr-CN-Fe-(dppe)Cp]BF_4, eine gemischtvalente metallorganische Verbindung *[Albert Ludwigs Univ., Inst. Anorgan. & Analyt. Chem., Freiburg, Germany]*

Vol. 472 pp. C8–C12 (1994)
OSTERMEIER, J., OGRIC, C., HILLER, W., KREIßL, F.R., Substitutionsreaktionen an 1-Metalla-1,1-dicarbonyl-2,3,4-triazol-Komplexen von Molybdän und Wolfram *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 472 pp. C13–C14 (1994)
KUMAR, V., NEWTON, M.G., KING, R.B., Insertion of a carbenoid unit into an Fe_2P_2 cluster *[Univ. Georgia, Dept. Chem., Athens, GA, USA]*

Vol. 472 pp. C15–C17 (1994)
SCHUBERT, U., SEEBALD, S., Übergangsmetall-Silyl-Komplexe. IL. Darstellung eines Cyclopentadienylrhodium-bis(carben)-Komplexes aus Li(Cp*Rh(H)$(SiMe_3)_2$] *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 472 pp. C18–C20 (1994)
HUGHES, R.P., KOWALSKI, A.S., DONOVAN, B.T., Unusual rhodium promoted reaction of a vinylcyclopropene to give a cyclobutadiene ligand. Formation of (η^5-pentamethyl-cyclopentadienyl)-(η^4-tri-t-butyl(methyl)cyclobutadiene)rhodium *[Dartmouth Coll., Dept. Chem., Burke Lab., Hanover, NH, USA]*

Vol. 473 pp. 1–14 (1994)
HIDAI, M., MIZOBE, Y., MATSUZAKA, H., Towards novel organic synthesis on multimetallic centres: syntheses and reactivities of dinuclear ruthenium thiolate complexes *[Univ. Tokyo, Dept. Synthet. Chem., Tokyo, Japan]*

Vol. 473 pp. 15–17 (1994)
OHSHITA, J., MASAOKA, Y., MASAOKA, S., ISHIKAWA, M., TACHIBANA, A., YANO, T., YAMABE, T., Silicon-carbon unsaturated compounds. XLVIII. Synthesis and reactions of silicon analogs of lithium enolates *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan; Kyoto Univ., Fac. Engn., Dept. Hydrocarbon Chem., Kyoto, Japan]*

Vol. 473 pp. 19–27 (1994)
KYUSHIN, S., IKARUGI, M., TSUNAKAWA, S., IZUMI, Y., MIYAKE, M., SATO, M., MATSUMOTO, H., GOTO, M., Molecular structures and charge-transfer complexes of *cis*-dibenzo[*c,h*]-1,6-disilabicyclo[4.4.0]deca-3,8-dienes and bi(benzo[*c*]silacyclopent-3-ene-1-yl)s *[Gunma Univ., Fac. Engn., Dept. Appl. Chem., Kiryu, Gunma, Japan; Natl. Inst. Mat. & Chem. Res., Tsukuba, Ibaraki, Japan]*

Vol. 473 pp. 29–34 (1994)
TAMAO, K., KAWACHI, A., NAKAGAWA, Y., ITO, Y., Electronic spectra of (amino)(phenyl)disilanes *[Kyoto Univ., Inst. Chem. Res., Kyoto, Japan; Kyoto Univ., Fac. Engn., Dept. Synthet. Chem., Kyoto, Japan]*

Vol. 473 pp. 35–43 (1994)
MIZUNO, K., NAKANISHI, K., CHOSA, J., OTSUJI, Y., Photochemical carbon–silicon bond forming reaction on electron-deficient alkenes by disilanes and polysilanes via photoinduced electron transfer *[Univ. Osaka Prefecture, Coll. Engn., Dept. Appl. Chem., Sakai, Osaka, Japan]*

Vol. 473 pp. 45–54 (1994)
MOCHIDA, K., CHIBA, H., Synthesis, absorption characteristics and some reactions of polygermanes *[Gakushuin Univ., Fac. Sci., Dept. Chem., Tokyo, Japan]*

Vol. 473 pp. 55–62 (1994)
SATO, T., OTERA, J., Mechanistic insight into the cinnamylmetal-thioacetal reaction employing 2-acetoxy-2-phenylacetaldehyde monothioacetal *[Okayama Univ. Sci., Dept. Appl. Chem., Okayama, Japan]*

Vol. 473 pp. 63–70 (1994)
FUJIWARA, J., SATO, T., Diversity in the reaction modes of anionic and cationic stannyl reagents: γ-chloro allylstannanes as a vinyl carbene equivalent, and its application for (±)-bakuchiol synthesis *[Waseda Univ., Sch. Sci. & Engn., Dept. Appl. Chem., Tokyo, Japan]*

Vol. 473 pp. 71–83 (1994)
KANDA, T., KATO, S., SUGINO, T., KAMBE, N., SONODA, N., Generation of allyl- and benzyllithiums from the corresponding halides by the aid of lithium-tellurium exchange reactions *[Gifu Univ., Fac. Engn., Dept. Chem., Gifu, Japan; Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

Vol. 473 pp. 85–91 (1994)
MASHIMA, K., NAKAYAMA, Y., NAKAMURA, A., KANEHISA, N., KAI, Y., TAKAYA, H., A new convenient preparation of monocyclooctatetraenyl-lanthanide complexes from metallic lanthanides and oxidants *[Osaka Univ., Fac. Sci., Dept. Macromolec. Sci., Toyonaka, Osaka, Japan; Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan; Kyoto Univ., Fac. Engn., Div. Mat. Chem., Kyoto, Japan]*

Vol. 473 pp. 93–99 (1994)
MURAKAMI, M., ITO, Y., Carbon–carbon bond forming reactions *via* new organosamarium(III) intermediates *[Kyoto Univ., Fac.*

Engn., Dept. Synthet. Chem., Yoshida, Kyoto, Japan]

Vol. 473 pp. 101–104 (1994)
HOU, Z.M., AIDA, K.-I., TAKAGI, Y., WAKATSUKI, Y., Synthesis and X-ray structure of the divalent and trivalent ytterbium-molybdenum complexes $Yb^{II}(HMPA)_4(\mu\text{-}OCMo(CO)_2Cp)_2$ and $[Yb^{III}(HMPA)_3(\mu\text{-}OCMo(CO)_2Cp)][CpMo(CO)_3]_2\cdot THF$ *[Inst. Phys. & Chem. Res., Wako, Saitama, Japan; Nihon Univ., Coll. Humanities & Sci., Dept. Chem., Tokyo, Japan]*

Vol. 473 pp. 105–116 (1994)
YASUDA, H., NAKAYAMA, Y., TAKEI, K., NAKAMURA, A., KAI, Y., KANEHISA, N., Reaction courses for formation of early transition metal phenoxides *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan; Osaka Univ., Fac. Engn., Dept. Appl. Chem., Yamadaoka, Osaka, Japan; Osaka Univ., Fac. Sci., Dept. Macromolec. Sci., Toyonaka, Osaka, Japan]*

Vol. 473 pp. 117–128 (1994)
SUZUKI, N., ROUSSET, C.J., AOYAGI, K., KOTORA, M., TAKAHASHI, T., HASEGAWA, M., NITTO, Y., SABURI, M., Highly regioselective reaction of zirconocene-alkene complexes with aldehydes or ketones *[Inst. Molec. Sci., Coordinat. Chem. Labs, Okazaki, Aichi, Japan; Univ. Tokyo, Fac. Engn., Dept. Ind. Chem., Tokyo, Japan]*

Vol. 473 pp. 129–137 (1994)
UEMURA, M., NISHIMURA, H., HAYASHI, T., Catalytic asymmetric induction of planar chirality: Palladium-catalyzed asymmetric cross-coupling of *meso* tricarbonyl(arene)chromium complexes with alkenyl- and arylboronic acids *[Osaka City Univ., Fac. Sci., Osaka, Japan; Hokkaido Univ., Catalysis Res. Ctr., Sapporo, Hokkaido, Japan; Hokkaido Univ., Grad. Sch. Pharmaceut. Sci., Sapporo, Hokkaido, Japan]*

Vol. 473 pp. 139–147 (1994)
FUKUOKA, A., SADASHIMA, T., SUGIURA, T., WU, X.S., MIZUHO, Y., KOMIYA, S., Synthesis and reactivity of platinum-containing heterodinuclear complexes with methyl and 1,2-bis(diphenylphosphino)ethane ligands. X-Ray crystal structure of (dpe)MePt-FeCp(CO)$_2\cdot$THF *[Tokyo Univ. Agr & Technol., Dept. Appl. Chem., Tokyo, Japan]*

Vol. 473 pp. 149–154 (1994)
MINATO, M., REN, J.-G., TOMITA, H., TOKUNAGA, T., SUZUKI, F., IGARASHI, T., ITO, T., Preparation and some reactions of bis(η^5-cyclopentadienyl)hydrido(tosylato)-molybdenum and -tungsten *[Yokohama Natl. Univ., Fac. Engn., Dept. Mat. Chem., Yokohama, Kanagawa, Japan]*

Vol. 473 pp. 155–162 (1994)
MISE, T., MAEDA, M., NAKAJIMA, T., KOBAYASHI, K., SHIMIZU, I., YAMAMOTO, Y., WAKATSUKI, Y., Preparation and structure of the first *ansa*-molybdenocene and tungstenocene derivatives. Reaction of $[O(SiMe_2C_5H_4)_2]MoH_2$ with methyl-methacrylate to probe the olefin attacking site *[Inst. Phys. & Chem. Res., Wako, Saitama, Japan; Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan; Waseda Univ., Sch. Sci. & Engn., Dept. Appl. Chem., Tokyo, Japan]*

Vol. 473 pp. 163–173 (1994)
KONDO, T., SONE, Y., TSUJI, Y., WATANABE, Y., Photo-, electro- and thermal carbonylation of alkyl iodides in the presence of Group 7 and 8-10 metal carbonyl catalysts *[Kyoto Univ., Grad. Sch. Engn., Div. Energy & Hydrocarbon Chem., Kyoto, Japan]*

Vol. 473 pp. 175–186 (1994)
AKITA, M., TERADA, M., ISHII, N., HIRAKAWA, H., MORO-OKA, Y., Unusual reactivities of $(\mu\text{-}\eta^2\text{:}\eta^2\text{-FP-C}\equiv\text{C-H})Co_2(CO)_6$, the adducts of FP-C≡C-H to $Co_2(CO)_8$: photolysis, thermolysis and reduction with hydrosilanes giving polynuclear complexes, $(CP)_2Fe_2Co_3(\mu_5\text{-C=CH})(CO)_{10}$... (- *[Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Yokohama, Kanagawa, Japan]*

Vol. 473 pp. 187–193 (1994)
TOBITA, H., SHINAGAWA, I., OHNUKI, S., ABE, M., IZUMI, H., OGINO, H., Reactions of sterically congested secondary silanes with iron carbonyls. Formation of μ-silylene complexes $Fe_2(CO)_8(\mu\text{-}SiR_2)$ (R=mesityl and O(2,6-^{i}Pr$_2$C$_6$H$_3$)) *[Tohoku Univ., Fac. Sci., Dept. Chem., Sendai, Miyagi, Japan]*

Vol. 473 pp. 195–204 (1994)
ONITSUKA, K., TAO, X.-Q., WANG, W.-Q., OTSUKA, Y., SONOGASHIRA, K., ADACHI, T., YOSHIDA, T., Preparation and characterization of μ-alkyne-hexacarbonyldicobalt complexes derived from 1,1'-dialkynylferrocene. Molecular structures of $\{(\eta^5\text{-}C_5H_4C\equiv CPh)_2Fe\}\{Co_2(CO)_6\}_2$ and $\{(\eta^5\text{-}C_5H_4C\equiv CPh)_2Fe\}Co_2(CO)_6$ *[Osaka City Univ., Fac. Engn., Dept. Appl. Chem., Osaka, Japan; Univ. Osaka Prefecture, Fac. Integrated Arts & Sci., Dept. Chem., Sakai, Osaka, Japan]*

Vol. 473 pp. 205–213 (1994)
NISHIBAYASHI, Y., CHIBA, T., SINGH, J.D., UEMURA, S., FUKUZAWA, S.-I., Syntheses and reactivities of ferrocenyl organyl tellurides *[Kyoto Univ., Grad. Sch. Engn., Div. Energy & Hydrocarbon Chem., Kyoto, Japan; Chuo Univ., Fac. Sci. & Engn., Tokyo, Japan]*

Vol. 473 pp. 215–224 (1994)
ITOH, K., NAKANISHI, S., OTSUJI, Y., Conjugate addition of allylic groups to α,β-unsaturated carbonyl compounds via $(\eta^3\text{-allyl})Fe(CO)_2NO$ complexes *[Univ. Osaka Prefecture, Coll. Engn., Dept. Appl. Chem., Sakai, Osaka, Japan; Osaka Prefectural Coll. Technol., Dept. Ind. Chem., Neyagawa, Osaka, Japan]*

Vol. 473 pp. 225–241 (1994)
YOSHIDA, T., ADACHI, T., UEDA, T., GOTO, F., BABA, K., TANAKA, T., Ruthenium(II) hydrido complexes of quadridentate crown thioethers, *trans*-RuH(Cl)(*syn*-L) (L=Me$_4$[14]aneS$_4$, Me$_6$[15]aneS$_4$, Me$_8$[16]aneS$_4$) and $\{Ru_2H(\mu\text{-}H)Cl(syn\text{-}Me_4[14]aneS_4)_2\}Cl$ containing a linear Ru–H–Ru bond... *[Univ. Osaka Prefecture, Fac. Integrated Arts & Sci., Dept. Chem., Sakai, Osaka, Japan; Otsuka Pharmaceut Co. Ltd., Div. Ind. Res., Tokushima, Japan]*

Vol. 473 pp. 243–252 (1994)
NAKAZAWA, H., FUJITA, T., KUBO, K., MIYOSHI, K., Synthesis by the arbuzov-like dealkylation reaction, characterization, and reactivity of phosphonate and amino-substituted phosphonate ruthenium complexes, $[(\eta^5\text{-}C_5H_5)(CO)_2Ru\{P(O)(OR)_n(NC_4H_8)_{2-n}\}]$ (n=0-2)... *[Hiroshima Univ., Fac. Sci., Dept. Chem., Higashi-Hiroshima, Japan]*

Vol. 473 pp. 253–256 (1994)
NOZAKI, K., YOSHIDA, M., TAKAYA, H., Reaction rate enhancement by addition of anionic surfactant SDS in the ruthenium catalyzed hydrogen transfer from a 1,4-diol to 4-phenyl-3-buten-2-one *[Kyoto Univ., Fac. Engn., Div. Mat. Chem., Kyoto, Japan]*

Vol. 473 pp. 257–264 (1994)
MARUYAMA, Y., SEZAKI, T., TEKAWA, M., SAKAMOTO, T., SHIMIZU, I., YAMAMOTO, A., Ruthenium-catalyzed reductive cleavage of allylic esters with formic acid and triethylamine. Application to short-step synthesis of α-hydroxy acids *[Waseda Univ., Sch. Sci. & Engn., Dept. Appl. Chem., Tokyo, Japan]*

Vol. 473 pp. 265–272 (1994)
OZAWA, F., YAMAGAMI, I., YAMAMOTO, A., Reaction of $RuH_2(PMe_3)_4$ with benzaldehyde. Formation of novel oxametallacycle and metallacycloketone complexes via C–H bond activation of aldehyde *[Hokkaido Univ., Catalysis Res. Ctr., Sapporo, Hokkaido, Japan; Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Yokohama, Kanagawa, Japan; Waseda Univ., Sch. Sci. & Engn., Dept. Appl. Chem., Tokyo, Japan]*

Vol. 473 pp. 273–284 (1994)
CHIHARA, T., YAMAZAKI, H., Hexaruthenium carbido carbonyl methyl cluster $[PPN][Ru_6C(CO)_{16}(CH_3)]$ as catalyst precursor for hydrogenation of olefins. Syntheses and structures of unsaturated and saturated hexaruthenium hydrido clusters $[PPN][Ru_6C(CO)_{15}H]$ and $[PPN][Ru_6$ *[Inst. Phys. & Chem. Res., Wako, Saitama, Japan]*

Vol. 473 pp. 285–294 (1994)
MASUDA, K., SAITOH, M., AOKI, K., ITOH, K., Interconversion between $(C_5R_5)Ru^{IV}$(allyl) and $(C_5R_5)Ru^{II}$(diene) complexes *[Toyohashi Univ. Technol., Dept. Mat. Sci., Toyohashi, Aichi, Japan]*

Vol. 473 pp. 295–301 (1994)
SUZUKI, H., KAKIGANO, T., FUKUI, H., TANAKA, M., MORO-OKA, Y., Carbon–carbon bond cleavage and skeletal rearrangement of coordinated norbornadiene. Preparation of a η^6-6-methylfulvene complex $[(C_5Me_5)Ru(C_5H_4CHCH_3)]BF_4$ *[Tokyo Inst. Technol., Fac. Engn., Dept. Chem. Engn., Tokyo, Japan; Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Tokyo, Japan]*

Vol. 473 pp. 303–311 (1994)
UNO, M., ANDO, K., KOMATSUZAKI, N., TSUDA, T., TANAKA, T., SAWADA, M., TAKAHASHI, S., Synthesis and structure of planar-chiral (1,2,4-trisubstituted cyclopentadienyl)cobalt(tetraaryl-cyclobutadiene) complexes containing three different chiralities in one molecule *[Osaka Univ., Inst. Sci. & Ind. Res., Ibaraki, Osaka, Japan]*

Vol. 473 pp. 313–321 (1994)
KATO, A., TONO, M., HISAMATSU, N., NOZAWA, S.-H., NINOMIYA, K., SUGIYAMA, T., KAJITANI, M., AKIYAMA, T., SUGIMORI, A., A novel metallacycle, 1,2,5,3-cobaltadithiazole. Formation, structure, and properties of (η^5-cyclopentadienyl or η^5-pentamethylcyclopentadienyl)(1-phenylmethanimine-*N*,1-dithiolato) cobalt(III) *[Sophia Univ., Fac. Sci. & Technol., Dept. Chem., Tokyo, Japan; Sekisui Chem. Co., Adv. Polymer Res. Lab., Shimamoto, Osaka, Japan]*

Vol. 473 pp. 323–327 (1994)
HAYASHI, T., KATO, T., KANEKO, T., ASAI, T., OGOSHI, H., Carbene insertion into oxygen–hydrogen bonds by metalloporphyrin catalysts *[Kyoto Univ., Fac. Engn., Dept. Synthet. Chem. & Biol. Chem., Kyoto, Japan]*

Vol. 473 pp. 329–334 (1994)
NAKATA, K., YAMAOKA, Y., MIYATA, T., TANIGUCHI, Y., TAKAKI, K., FUJIWARA, Y., Palladium(II) and/or copper(II)-catalyzed carboxylation of small alkanes such as methane and ethane with carbon monoxide *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan]*

Vol. 473 pp. 335–342 (1994)
CHATANI, N., MORIMOTO, T., MUTO, T., MURAI, S., Preparation of vinylgermanes and a germole by the Pd-catalyzed reactions of Me_3GeCn with acetylenes *[Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

Vol. 473 pp. 343–352 (1994)
MANDAI, T., MATSUMOTO, T., TSUJIGUCHI, Y., MATSUOKA, S., TSUJI, J., Palladium-catalyzed hydrogenolysis of 2-alkynyl formates and elimination of 2-alkynyl carbonates. 2-Alkynylpalladium complex *vs.* allenylpalladium complex as intermediates *[Okayama Univ. Sci., Dept. Appl. Chem., Okayama, Japan]*

Vol. 473 pp. 353–358 (1994)
MIYASHITA, A., HOTTA, M., SAIDA, Y., Selective sp^3 C–H bond activation of alkylaromatics promoted by platinum complexes *[Saitama Univ., Fac. Engn., Dept. Appl. Chem., Urawa, Saitama, Japan]*

Vol. 473 pp. 359–369 (1994)
OSAKADA, K., TAKIZAWA, T., TANAKA, M., YAMAMOTO, T., Mono- and dinuclear alkoxide copper complexes with PPh_3 ligands *[Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Tokyo, Japan]*

Vol. 473 pp. C1–C2 (1994)
HOJO, M., ISHIBASHI, N., OHSUMI, K., MIURA, K., HOSOMI, A., Studies on organosilicon chemistry. CXXII. Reaction of 2-oxiranylallylsilanes with acetals. Direct introduction of a vinyloxirane moiety *[Univ. Tsukuba, Dept. Chem., Tsukuba, Ibaraki, Japan]*

Vol. 474 pp. 1–21 (1994)
GRANDBERG, K.I., DYADCHENKO, V.P., Some aspects of the organometallic chemistry of univalent gold *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 474 pp. 23–25 (1994)
ORITA, A., OHE, K., MURAI, S., The reaction of carbamoyl-copper with a silyl chloride to give a carbamoylsilane *[Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

Vol. 474 pp. 27–30 (1994)
PAUER, F., POWER, P.P., 1,4-dilithio-1,2,3,4-tetraphenyl-butadiene – crystal structure of the 1,2-dimethoxyethane adduct *[Univ. Calif. Davis, Dept. Chem., Davis, CA, USA]*

Vol. 474 pp. 31–41 (1994)
CAMBIE, R.C., HILL, J.H.M., RUTLEDGE, P.S., STEVENSON, R.J., WOODGATE, P.D., Benzannulation of podocarpic acid derivatives via directed *ortho*-metallation and lithium-copper(I) transmetallation *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 474 pp. 43–48 (1994)
BÜRGER, H., PAWELKE, G., ROTHE, J., Ene-type and hydride-shift reactions of thiocarbonyl compounds with (dimethylamino)-bis(trifluoromethyl)borane, $(CF_3)_2BNMe_2$ *[Univ. Gesamthsch. Wuppertal, Wuppertal, Germany]*

Vol. 474 pp. 49–53 (1994)
ZHENG, BIN, SREBNIK, M., Synthesis of a new class of bidentate Lewis acids based on boronic esters and zirconocene *[Univ. Toledo, Dept. Chem., Toledo, OH, USA]*

Vol. 474 pp. 55–58 (1994)
DAHLHAUS, J., BANGEL, M., JUTZI, P., Zur Synthese von Silicium-, Zinn- und Thallium-Verbindungen mit Dimethylaminoethyl-substituierten Cyclopentadienyl-Liganden *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 474 pp. 59–62 (1994)
RUDERT, R., SCHMAUCKS, G., Synthesis, crystal and molecular structure of *N,N*-dimethyl-3-(tris(trimethylsiloxanyl)silyl)-pyrrolinium chloride *[Max Planck Inst. Kolloid & Grenzflachenforsch., Berlin, Germany]*

Vol. 474 pp. 63–70 (1994)
HABEL, W., MAYER, L., SARTORI, P., Synthese und Charakterisierung von Hydridopoly(carbosilanen) *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany]*

Vol. 474 pp. 71–82 (1994)
HEINICKE, J., GEHRHUS, B., MEINEL, S., Synthesis and reactivity of functional 1-methyl-silacyclopentenes *[Univ. Greifswald, EMA, Inst. Anorgan. Chem., Greifswald, Germany]*

Vol. 474 pp. 83–87 (1994)
MARCINIEC, B., PIETRASZUK, C., FOLTYNOWICZ, Z., Metathesis of silicon-containing olefins. X. Metathesis of vinyltrimethylsilane catalyzed by ruthenium complexes *[Adam Mickiewicz Univ. Poznan, Fac. Chem., Dept. Organomet. Chem., Poznan, Poland]*

Vol. 474 pp. 89–95 (1994)
FAJARÍ, L., CARILLA, J., JULIÁ, L., RIERA, J., PÁRRAGA, A., COLL, M., SOLANS, X., Dichlorobis(pentachlorophenyl)germane and derivatives; synthesis of bis(pentachlorophenyl)germanediol and molecular structure of diiodobis(pentachlorophenyl)germane *[CSIC, CID, Dept. Mat. Organ. Halogenats, Barcelona, Spain; CSIC, CID, Dept. Biol. Molec. & Cellular, Barcelona, Spain; Univ. Barcelona, Dept. Cristallog., Barcelona, Spain]*

Vol. 474 pp. 97–106 (1994)
LANGE, I., KRAHL, J., JONES, P.G., BLASCHETTE, A., Polysulfonylamine. LIII. Triphenylphosphinoxid-Komplexe von Organozinn(IV)-dimesylamiden: Darstellung und Festkörperstrukturen ionischer Komplexe des Typs $[R_3Sn(OPPh_3)_2]^+[(MeSo_2)_2]^-$ und des Molekülkomplexes $[Me_2Sn\{OS(:O,Me)$ *[Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany]*

Vol. 474 pp. 107–111 (1994)
YATSENKO, A.V., SCHENK, H., ASLANOV, L.A., Crystal structures of Ph_2PbCl_2(imidazole)$_2$ isomers with *trans*- and *cis*-arrangements of the phenyl groups *[Univ. Amsterdam, J.H. Van't Hoff Res. Inst., Kristallog. Lab., Amsterdam, Netherlands; Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 474 pp. 113–116 (1994)
LIANG, H.Z., SHEN, Q., GUAN, J.W., LIN, Y.H., A new method for the synthesis of Ln(η^6-C_6Me_6)$(AlCl_4)_3$ (Ln=Nd, Sm, Gd, Yb), and the X-ray crystal structure of Yb(η^6-C_6Me_6)$(AlCl_4)_3$·MeC_6H_5 *[Acad. Sinica, Changchun Inst. Appl. Chem., Changchun, P.R. China]*

Vol. 474 pp. 117–122 (1994)
BÖKMAN, F., BERTAGNOLLI, H., SCHUPP, O., BRINGMANN, G., Novel concepts in directed biaryl synthesis. XXXIII. An EXAFS spectroscopic study of the structure of lactone-bridged biaryls coordinated to $CpZrCl_3$ in toluene solution *[Univ. Stuttgart, Inst. Phys. Chem. 2, Stuttgart, Germany; Univ. Würzburg, Inst. Organ. Chem., Würzburg, Germany; Univ. Uppsala, Dept. Organ. Chem., Uppsala, Sweden]*

Vol. 474 pp. 123–128 (1994)
HWU, C.-C., WANG, F.-C., YEH, M.-C.P., SHEU, J.-H., Regioselective formation of allylidenecyclopropanes from Fischer chromiumcarbene complexes and vinylidenecyclopropanes *[Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan; Natl. Sun Yat Sen Univ., Dept. Marine Resources, Kaohsiung, Taiwan]*

Vol. 474 pp. 129–132 (1994)
BROWN, D.A., GLASS, W.K., SALAMA, M.M., Spectroscopic studies of hydride addition to the tricarbonylcyclopentadienyliron cation *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland]*

Vol. 474 pp. 133–141 (1994)
FERNANDO, S.I.S., ROBERTS, R.M.G., Synthesis of some heterocyclic derivatives of (η-arene)(η-cyclopentadienyl)iron(II) hexafluorophosphates including estimation of dihedral angles in both free and complexed ligands *[Univ. Essex, Dept. Chem. & Biol. Chem., Colchester, Essex, England]*

Vol. 474 pp. 143–147 (1994)
ALVAREZ, B., MIGUEL, D., PÉREZ-MARTÍNEZ, J.A., RIERA, V., Areneruthenium complexes with S_2CPR_3 and trichlorostannate *[Univ. Oviedo, Fac. Quim., Dept. Quim. Organomet., Oviedo, Spain]*

Vol. 474 pp. 149–152 (1994)
ANG, H.-G., KWIK, W.L., ONG, K.K., Reaction of pentafluoronitrosobenzene with $[Os_3H(\mu\text{-}H)(CO)_{10}(MPh_3)]$ (M=P, As, Sb): synthesis and X-ray structure of $[Os_3(\mu\text{-}H)(CO)_{10}(PPh_3)(ONC_6F_4O)]$ *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore]*

Vol. 474 pp. 153–163 (1994)
ANG, H.-G., CHANG, B., KWIK, W.L., SIM, E.S.H., Synthesis, X-ray structural and spectroscopic study of new silyl-substituted triosmium clusters *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore]*

Vol. 474 pp. 165–171 (1994)
AKHTER, Z., INGHAM, S.L., LEWIS, J., RAITHBY, P.R., Addition of some gold electrophiles to an octa-osmium carbonyl cluster: thermodynamic *vs.* kinetic control *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 474 pp. 173–176 (1994)
MANNING, A.R., O'DWYER, L., MCARDLE, P.A., CUNNINGHAM, D., The structure of $[CO_3(\eta\text{-}C_5H_5)_3(\mu_3\text{-}S)(\mu_3\text{-}CNC_6H_4Me\text{-}4)]$ *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland; Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 474 pp. 177–182 (1994)
KIJIMA, M., YAMASHITA, H., SATO, T., Reactions of alkylcobaloximes with oxygen under irradiation. Oxygenative conversions of the alkyl ligand *[Univ. Tsukuba, Inst. Mat. Sci., Tsukuba, Ibaraki, Japan; Tokyo Metropolitan Univ., Fac. Sci., Dept. Chem., Hachioji, Tokyo, Japan]*

Vol. 474 pp. 183–189 (1994)
JUN, C.-H., HAN, J.S., KANG, J.-B., KIM, S.-I., Hydroxy-group directing hydroiminoacylation of α,ω-dien-3-ol with aldimine by Wilkinson's Complex *[Yonsei Univ., Dept. Chem., Seoul, South Korea; Agency Def. Dev., Taejon, South Korea; Chosun Univ., Dept. Chem. Engn., Kwangju, South Korea]*

Vol. 474 pp. 191–197 (1994)
BACHECHI, F., X-ray structural analysis of the polyhydride complex salt $[(Ph_3P)_3Ir(\mu\text{-}H)_3Ag(\mu\text{-}H)_3Ir(Ph_3P)_3][O_3SCF_3]$ *[CNR, Ist. Strutturist. Chim. G. Giacomello, Monterotondo, Italy]*

Vol. 474 pp. 199–206 (1994)
BROWNING, J., DIXON, K.R., WANG, S.F., Coordination chemistry of $[CH(PPh_2)(P(S)Ph_2)_2]$: Pd, Pt, Rh, and Ir complexes, including the crystal and molecular structures of the ligand and a tripodal irridium complex, $[Ir(cod)\{CH(PPh_2)(P(S)Ph_2)_2\text{-}P,S,S\}]BF_4\cdot CH_2Cl_2$ *[Univ. Victoria, Dept. Chem., Victoria, BC, Canada]*

Vol. 474 pp. 207–215 (1994)
SOULIVONG, D., ZIESSEL, R., MATT, D., Polyfunctional

phosphine ligands. Preparation of 4'-formyl-2-diphenylphosphino-acetophenone and its coordination properties *[Ecole Europeenne Hautes Etud Ind. Chim., Strasbourg, France]*

Vol. 474 pp. 217–221 (1994)
ABDOL LATIF, L., EABORN, C., PIDCOCK, A.P., WENG, N.S., Square planar platinum(II) complexes. Crystal structures of *cis*-bis(triphenylphosphine)hydro(triphenylstannyl)platinum(II) and *cis*-bis(triphenylphosphine)hydro(triphenylsilyl)platinum(II) *[Univ. Malaya, Inst. Adv. Studies, Kuala Lumpur, Malaysia; Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 474 pp. 223–228 (1994)
FALLIS, S., ANDERSON, G.K., Reactions of platinum triflate complexes with carbon monoxide and t-butyl isonitrile *[Univ. Missouri, Dept. Chem., St. Louis, MO, USA]*

Vol. 474 pp. 229–236 (1994)
BRANTIN, K., HÅKANSSON, M., JAGNER, S., Copper(I)-induced activation of monosubstituted acetylenes. Perturbation of ligand geometry resulting from π-complexation *[Chalmers Univ. Technol., Dept. Inorgan. Chem., Gothenburg, Sweden]*

Vol. 474 pp. C1–C4 (1994)
KARSCH, H.H., RICHTER, R., PAUL, M., RIEDE, J., $\{Li[C(PMe_2)_2(SiMe_2Ph)]\}_3$, ein Heteroorganolithium-Trimer *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 474 pp. C5–C7 (1994)
BELDERRAÍN, T.R., CONTRERAS, L., PANEQUE, M., CARMONA, E., MONGE, A., RUIZ, C., Synthesis and structural characterization of volatile poly(3,5-dimethyl-1-pyrazolyl)borate-complexes of Ca, Sr, and Ba *[Univ. Sevilla, CSIC, Inst. Ciencia Mat., Dept. Quim. Inorgan., Seville, Spain; CSIC, Inst. Ciencia Mat., Madrid, Spain; Univ. Complutense Madrid, Fac. Ciencias Quim., Madrid, Spain]*

Vol. 474 pp. C8–C10 (1994)
DAVIES, A.G., OSEI-KISSI, D.K., The formation of distannanes from tin hydrides *[Univ. London, Univ. Coll., Dept. Chem., London, England]*

Vol. 474 pp. C11–C13 (1994)
DAVIES, A.G., KINART, W.J., OSEI-KISSI, D.K., Hydrostannation and hydrostannolysis by diorganotin hydrides R_2SnXH (X=halide, carboxylate, sulphonate, etc) *[Univ. London, Univ. Coll., Dept. Chem., London, England]*

Vol. 474 pp. C14–C15 (1994)
CRISTAU, H.J., GASC, M.B., YNAGKOU MBIANDA, X., A convenient stereoselective synthesis of disubstituted alk-1-enyl phosphonates *[ENSCM, Chim. Organ. Lab., CNRS, URA 458, Montpellier, France]*

Vol. 474 pp. C16–C18 (1994)
BIAGINI, P., LUGLI, G., ABIS, L., Alkylation of lanthanide alkoxides: synthesis of $[Ln(\mu\text{-}OBu^t)_3(\mu\text{-}Me)_3(AlMe_2)_3]$ (Ln=Pr, Nd or Y) *[Enichem Spa, Ist. G. Donegani, Novara, Italy]*

Vol. 474 pp. C19–C20 (1994)
BÖHME, U., CLARK, R.J.H., JENNENS, M., Bis(tert-butylcyclopentadienyl)(divinyl)hafnium from bis(tert-butylcyclopentadienyl)hafnium dichloride and vinyllithium *[Univ. London, Univ. Coll., Christopher Ingold Labs, London, England; Bergakad. Freiberg, Inst. Anorgan. Chem., Freiberg, Germany]*

Vol. 474 pp. C21–C23 (1994)
BARDAJÍ, M., BROWN, N.C., CONNELLY, N.G., DAVIES, R., ORPEN, A.G., ROSAIR, G.M., SEEAR, N.R., Low-valent metal complexes as redox-active ligands: new heteropolynuclear derivatives of manganese and rhenium cyanides and the crystal structure of *o*-phen)$(OC)_3Re(\mu\text{-}CN)Ru(CO)_2(PPh_3)(o\text{-}O_2C_6Cl_4)$] *[Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 474 pp. C24–C26 (1994)
BARDAJÍ, M., BROWN, N.C., CHRISTOFIDES, A., CONNELLY, N.G., Heteropolynuclear complexes containing multiple redox sites: cyanometal ligand derivatives of the triazenido-bridged dirhodium fragment *[Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 474 pp. C27–C29 (1994)
CADIERNO, V., GAMASA, M.P., GIMENO, J., LASTRA, E., Reactions of novel cationic diphenylallenylidene complexes $[Ru(=C=C=CPh_2)L_2(\eta\text{-}C_9H_7)]^+$ (L=PPh_3; L_2=bis(diphenylphosphino)methane, dppm or 1,2-bis(diphenylphosphino)ethane, dppe) with neutral and anionic nucleophiles *[Univ. Oviedo, Inst. Quim. Organomet. Enrique Moles, Dept. Quim. Organ. & Inorgan., Oviedo, Spain]*

Vol. 474 pp. C30–C33 (1994)
CHAN, S., WONG, W.-Y., WONG, W.-T., Synthesis of novel triosmium alkylidene carbonyl clusters. Crystal structures of $[Os_3(\mu\text{-}H)_2(CO)_9(\mu_3\text{-}CNC_5H_4\text{-}CH=CH_2)]$ and $[Os_3(\mu\text{-}H)(CO)_9(\mu\text{-}C(H)NC_5H_4\text{-}\eta^2\text{-}CH=CH_2)]$ *[Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]*

Vol. 474 pp. C34–C36 (1994)
YIH, K.-H., LIN, Y.-C., CHENG, M.-C., WANG, Y., Transfer of the (dithiomethyoxycarbonyl)diphenylphosphine ligand from tungsten to palladium: syntheses and crystal structures of two palladium (dithiomethoxycarbonyl)phosphine complexes *[Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 475 pp. 1–14 (1994)
BICKELHAUPT, F., Organomagnesium chemistry; nearly hundred years but still fascinating *[Free Univ. Amsterdam, Scheikundig Lab., Amsterdam, Netherlands]*

Vol. 475 pp. 15–24 (1994)
RASTON, C.L., Recent developments in the chemistry of alane (AlH_3) and gallane (GaH_3) *[Griffith Univ., Fac. Sci. & Technol., Nathan, QLD, Australia]*

Vol. 475 pp. 25–30 (1994)
MATHEY, F., Recent advances in the chemistry of phospholide and polyphospholide ions *[Ecole Polytech., CNRS, URA 1499, Heteroelements & Coordinat. Lab., Palaiseau, France]*

Vol. 475 pp. 31–43 (1994)
JOHNSON, B.F.G., Arene-cluster compounds *[Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland]*

Vol. 475 pp. 45–55 (1994)
WERNER, H., Organometallic chemistry of alkenes and alkynes *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 475 pp. 57–63 (1994)
DRENT, E., ARNOLDY, P., BUDZELAAR, P.H.M., Homogeneous catalysis by cationic palladium complexes. Precision catalysis in the carbonylation of alkynes *[Shell Int Res. Maatschappij BV, Koninklijke Shell Lab., Amsterdam, Netherlands]*

Vol. 475 pp. 65–72 (1994)
KUZNETSOV, V.L., ELIZAROVA, G.L., MATVIENKO, L.G., LANTYUKHOVA, I.G., KOLOMIICHUK, V.N., ZHDANOV, A.A., SHCHEGOLIKHINA, O.I., Polyhedral silsesquioxanes as precursors of tailor-made heterogeneous catalyst centres. I. Water oxidation *[Russian Acad. Sci., Inst. Catalysis, Novosibirsk, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 475 pp. 73–84 (1994)
HEINEMANN, C., HERRMANN, W.A., THIEL, W.R., Theoretical study of stable silylenes and germylenes *[Univ. Zürich, Inst. Organ. Chem., Zürich, Switzerland; Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 475 pp. 85–94 (1994)
BRIMAH, A.K., SIEBEL, E., FISCHER, R.D., DAVIES, N.A., APPERLEY, D.C., HARRIS, R.K., Towards organometallic zeolites: spontaneous self-assembly of Et_3SnCN, CuCN and $(^nBu_4N)CN$ to supramolecular $[(^nBu_4N)(Et_3Sn)_2Cu(CN)_4]$ *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany; Univ. Durham, Dept. Chem., Durham, England]*

Vol. 475 pp. 95–98 (1994)
ZANIN, A., KARNOP, M., JESKE, J., JONES, P.G., DU MONT, W.-W., Novel trichlorosilylation and trichlorogermylation of a *P*-chlorophosphaalkene leading to functionally substituted diphosphenes *[Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany]*

Vol. 475 pp. 99–111 (1994)
HERD, O., HEßLER, A., LANGHANS, K.P., STELZER, O., SHELDRICK, W.S., WEFERLING, N., Wasserlösliche Phosphane. II. Ein neuer Syntheseweg für wasserlisliche sekundäre und tertiäre Phosphane mit sulfonierten aromatischen Resten – Kristallstruktur von $P(p\text{-}C_6H_4\text{-}SO_3K)_3 \cdot KCl \cdot 0.5H_2O$ *[Univ.-GH Wuppertal, Fachbereich 9, Anorg. Chem., Wuppertal, Germany; Ruhr Univ. Bochum, Fac. Chem., Dept. Analyt. Chem., Bochum, Germany; Hoechst AG, Werk Knapsack, Hurth, Germany]*

Vol. 475 pp. 113–120 (1994)
JAITNER, P., SCHOTTENBERGER, H., GAMPER, S., OBENDORF, D., Termetallocenes *[Innsbruck Univ., Inst. Allgemeine Anorgan. & Theoret. Chem., Innsbruck, Austria; Innsbruck Univ., Inst. Analyt. Chem. & Radiochem., Innsbruck, Austria; Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 475 pp. 121–126 (1994)
VAN DE WEGHE, P., BIED, C., COLLIN, J., MARÇALO, J., SANTOS, I., Synthesis of a new asymmetric cyclopentadienyl ligand: application to the preparation of a trivalent samarium complex *[Univ. Paris 11, Inst. Chim. Molec. Orsay, CNRS, URA 1497, Synth. Asymetr. Lab., Orsay, France; ICEN, LNETI, Dept. Quim., Sacavém, Portugal]*

Vol. 475 pp. 127–137 (1994)
VARGA, V., MACH, K., SCHMID, G., THEWALT, U., Titanium-magnesium complexes containing perpendicularly bridging bis(trimethylsilyl)acetylene ligands *[Acad. Sci. Czech Rep., J. Heyrovsky Inst. Phys. Chem. & Electrochem., Prague, Czech Rep.; Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany]*

Vol. 475 pp. 139–147 (1994)
TROYANOV, S., Arene complexes of titanium and zirconium. Synthesis and structure *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 475 pp. 149–155 (1994)
CALHORDA, M.J., Bonding of organometallic fragments to polyoxometallates *[Inst. Tecnol. Quim. & Biol., Oeiras, Portugal; Inst. Super Tecn., Lisbon, Portugal]*

Vol. 475 pp. 157–166 (1994)
SCHMIDT, S., SUNDERMEYER, J., MÖLLER, F., Higher-valent derivatives of the d-metal acids. XII. α-Phosphonio(methylidene) complexes of niobium and tantalum containing the metallocene-like $[(\eta^5\text{-}C_5R_5)M(N^tBu)]$ core *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 475 pp. 167–175 (1994)
KRAATZ, H.-B., POLI, R., Cp*Mo-halide chemistry. Rapid halide scrambling during the conproportionation of $Cp_2^*\text{-}Mo_2Y_4$ (Y = Cl, Br, I) and Cp^*MoX_4 (X = Cl, Br): a paramagnetic ^{1}H-NMR study *[Univ. Maryland, Dept. Chem. & Biochem., College Park, MD, USA]*

Vol. 475 pp. 177–181 (1994)
SCHÜTT, W., OSTERMEIER, J., ORAMA, O., KREIBL, F.R., Umsetzung von 2,4-Dithio-1-wolframa-bicyclo[1.1.0]-butan-bis-tetrafluoroborat-Komplexe mit Thioharnstoff *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Univ. Helsinki, Dept. Chem., Helsinki, Finland]*

Vol. 475 pp. 183–192 (1994)
BENCZE, L., SZILÁGYI, R., Molecular mechanical studies on the olefin metathesis reaction. III. Modelling of the "well-defined" carbenes *[Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary]*

Vol. 475 pp. 193–200 (1994)
JOHNSON, B.F.G., SIEKER, A., BLAKE, A.J., WINPENNY, R.E.P., O atom transfer reactions in some manganese and rhenium carbonyl compounds *[Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland]*

Vol. 475 pp. 201–209 (1994)
SÜNKEL, K., KEMPINGER, W., HOFMANN, J., Coordination chemistry of perhalogenated cyclopentadienes and alkynes. XVIII. Mechanistic studies on the metal-halogen exchange reaction of ring-halogenated metallocenes: the influence of stoichiometry, temperature, solvent and reaction time *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 475 pp. 211–221 (1994)
LORENZ, I.-P., POHL, W., NÖTH, H., SCHMIDT, M., *P*-Funktionalisierte Diferriophosphonium Salze des Typs $[\{CpFe(CO)_2\}_2PPhR]^+X^-$ und $[\{CpFe(CO)_2\}_2PClR]^+X^-$ *[Ludwig Maximilians Univ. München, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 475 pp. 223–227 (1994)
JANIAK, C., KUHN, N., GLEITER, R., Effects of isolobal substitution in cyclopentadienyl ligands: the azacyclopentadienyl system C_4R_4N. Comparative photoelectron spectra of the tetra-tert-butyl ferrocene derivatives *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Tech. Univ. Chemnitz Zwickau, Fachbereich Chem., Chemnitz, Germany; Univ. Heidelberg, Inst. Organ. Chem., Heidelberg, Germany]*

Vol. 475 pp. 229–232 (1994)
SIEMELING, U., HÜFFMANN, G., Aspects of the chemistry of the mixed ferrocene $[MeO(CH_2CH_2O)_3(CH_2)_3C_5Me_4]Fe(C_5H_5)$. Generation of the unusual α-ferrocenyl carbocation $\{[MeO(CH_2CH_2O)_3(CH_2)_3C_5Me_4]Fe(C_5H_4CH_2)\}^+$ *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 475 pp. 233–240 (1994)
BEHRENS, U., HECK, J., MATERS, M., FRENZEN, G., ROELOFSEN, A., SOMMERDIJK, H.T., Cooperative effects in π-ligand bridged dinuclear complexes. XV. Heterodinuclear Fe-Co complexes from mononuclear η^5-cyclooctatrienyl iron complexes *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany; Univ. Gesamthsch. Kassel, Fachbereich Biol. Chem., Kassel, Germany; Catholic Univ. Nijmegen, Vakgrp. Anorgan. & Algemene Chem., Nijmegen, Netherlands]*

Vol. 475 pp. 241–245 (1994)
DIAS, A.R., GARCIA, M.H., RODRIGUES, J.C., GREEN, M.L.H., KUEBLER, S.M., Synthesis and characterization of

η^5-monocyclopentadienyl (*p*-nitrobenzonitrile)ruthenium(II) salts: second harmonic generation powder efficiencies *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Univ. Lisbon, Fac. Ciencias, Lisbon, Portugal; Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 475 pp. 247–256 (1994)
KRONSEDER, C., SCHINDLER, T., BERG, C., FISCHER, R., NIEDNER-SCHATTEBURG, G., BONDYBEY, V.E., Generation and gas-phase reactivity of $CoGa^+$ *[Tech. Univ. Munich, Inst. Phys. & Theoret. Chem., Garching, Germany; Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 475 pp. 257–266 (1994)
LEITNER, W., DINJUS, E., GAßNER, F., Activation of carbon dioxide. IV. Rhodium-catalyzed hydrogenation of carbon dioxide to formic acid *[Friedrich Schiller Univ., Max Planck Ges., Arbeitsgrp. CO2 Chem., Jena, Germany]*

Vol. 475 pp. 267–276 (1994)
BONIFACI, C., CECCON, A., GAMBARO, A., GANIS, P., MANTOVANI, L., SANTI, S., VENZO, A., Heterobimetallic heptamethylindenyl complexes of Cr^0 and Rh^I: *trans*-[$Cr(CO)_3$-indenyl*-RhL_2] (L_2=COD, L=CO) *[Univ. Padua, Dipartimento Chim. Fis., Padua, Italy; CNR, Ctr. Studio Stati Molecolari Radicalici & Eccitati, Padua, Italy]*

Vol. 475 pp. 277–282 (1994)
WERNER, H., MÖHRING, U., Supported rhodium catalysts: new aspects in the formation of trisubstituted olefins from simple alkenes and diazoalkanes *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 475 pp. 283–288 (1994)
CORAIN, B., ZECCA, M., BIFFIS, A., LORA, S., PALMA, G., Interpenetrating organometallic polymer networks in heterogeneous catalysis: mild hydrogenation of *p*-nitrotoluene *[Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy; CNR, Ist. Fotochim. & Radiaz. Alta Energia, Legnano, Italy; Univ. Padua, Dipartimento Chim. Fis., Padua, Italy]*

Vol. 475 pp. 289–296 (1994)
CACCHI, S., CARNICELLI, V., MARINELLI, F., Palladium-catalyzed cyclization of 2-alkynylanilines to 2-substituted indoles under an acidic two-phase system *[Univ. Roma La Sapienza, Dipartimento Studi Chim. & Tecnol. Sostanze Biol. Att., Rome, Italy; Univ. L'Aquila, Dipartimento Chim. Ingn. Chim. & Mat., L'Aquila, Italy]*

Vol. 475 pp. 297–305 (1994)
LOEBER, C., MATT, D., DE CIAN, A., FISCHER, J., Multifunctional phosphane and phosphane oxide ligands derived from *p*-tert-butylcalix[4]arene. Synthesis of a large diphosphane with C_2 symmetry and behaving as a *cis* or *trans* binding ligand *[Ecole Europeenne Hautes Etud. Ind. Chim., CNRS, URA 405, Chim. Inorgan. Lab., Strasbourg, France; Univ. Strasbourg 1, CNRS, URA 424, Cristallochim. & Chim. Struct. Lab., Strasbourg, France]*

Vol. 475 pp. 307–315 (1994)
GLADIALI, S., FABBRI, D., BANDITELLI, G., MANASSERO, M., SANSONI, M., Atropisomeric diaryl-core phosphole ligands: Pd^{II} and Pt^{II} complexes with P-phenyl dinaphthophosphole *[Univ. Sassari, Dipartimento Chim., Sassari, Italy; Univ. Milan, Dept. Inorgan. & Organomet. Chem., Milan, Italy; Univ. Milan, CNR Ctr., Ist. Chim. Strutturist. Inorgan., Milan, Italy; Univ. Milan, CNR Ctr., Milan, Italy]*

Vol. 476 pp. 1–5 (1994)
HODGSON, D.M., Chromium(II)-based methods for carbon–carbon bond formation *[Univ. Reading, Dept. Chem., Reading, Berks, England]*

Vol. 476 pp. 7–11 (1994)
FREDIANI, P., BIANCHI, M., SALVINI, A., GUARDUCCI, R., CARLUCCIO, L.C., PIACENTI, F., Ruthenium carbonyl carboxylates with nitrogen-containing ligands. II. Synthesis and characterization of mononuclear compounds *[Univ. Florence, Dept. Organ. Chem., Florence, Italy]*

Vol. 476 pp. 13–18 (1994)
GIANNOCCARO, P., TOMMASI, I., ARESTA, M., Carbamoyl complexes as a source of isocyanates or carbamyl chlorides *[Univ. Bari, Dipartimento Chim., Bari, Italy; Univ. Bari, CNR, Ctr. Miso, Bari, Italy]*

Vol. 476 pp. 19–24 (1994)
NAVARRO-RANNINGER, C., LÓPEZ-SOLERA, I., ALVAREZ-VALDÉS, A., RODRÍGUEZ J.H., MASAGUER, J.R., GARCÍA-RUANO, J.L., SOLANS, X., Reaction of folded acetate-bridged *ortho*-palladated complexes with CH_2Cl_2. Crystal structure of [{$Pd(C_6H_5$-CH_2-N=C-(COC_6H_5)-$C_6H_4)(\mu$-Cl)}$_2$] *[Univ. Autonoma Madrid, Dept. Quim., Madrid, Spain; Univ. Barcelona, Dept. Cristallog. Mineral & Diposits Minerals, Barcelona, Spain]*

Vol. 476 pp. 25–32 (1994)
LOWACK, R.H., VOLLHARDT, K.P.C., Decasubstituted decaphenylmetallocenes *[Univ. Calif. Berkeley, Dept. Chem., Berkeley, CA, USA; Univ. Calif., Lawrence Berkeley Lab., Berkeley, CA, USA]*

Vol. 476 pp. 33–40 (1994)
DAKTERNIEKS, D., ZHU, H.J., TIEKINK, E.R.T., COLTON, R., Synthesis, structure and reactions of $[(BuSn)_{12}O_{14}(OH)_6]Cl_2 \cdot 2H_2O$: solution studies using ^{119}Sn NMR and electrospray mass spectrometry *[Deakin Univ., Sch. Biol. & Chem. Sci., Geelong, VIC, Australia; Univ. Adelaide, Dept. Chem., Adelaide, SA, Australia; La Trobe Univ., Dept. Chem., Bundoora, VIC, Australia]*

Vol. 476 pp. 41–46 (1994)
GARCÍA, V., GARRALDA, M.A., HERNÁNDEZ, R., MONGE, M.A., PINILLA, E., Trichlorostannato(diphosphine) rhodium(I) complexes. Crystal structure of [$Rh(SnCl_3)$(1,5-Cyclo-octadiene)(dppp)] *[Univ. Pais Vasco, Fac. Ciencias Quim., San Sebastián, Spain; Univ. Complutense Madrid, Fac. Ciencias Quim., Inst. Ciencias Mat., CSIC, Difracc. Rayos X Lab., Madrid, Spain; Univ. Complutense Madrid, Fac. Ciencias Quim., Dept. Quim. Inorgan., Madrid, Spain]*

Vol. 476 pp. 47–54 (1994)
MOURAD, Y., ATMANI, A., MUGNIER, Y., BREUNIG, H.J., EBERT, K.H., Structure and electroreduction of Sb^tBuCl_2. Reactivity and electrochemical behaviour of $(Sb^t$-$Bu)_4$ *[Fac. Sci. Atlas Fes, Dept. Chim., Atlas Fe, Morocco; Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France; Univ. Bremen, Bremen, Germany]*

Vol. 476 pp. 55–62 (1994)
KUBICKI, M.M., RICHARD, P., GAUTHERON, B., VIOTTE, M., TOMA, S., HUDECEK, M., GAJDA, V., The synthesis and X-ray study of (η^6-benzamide)- and (η^6-phenylacetamide)tricarbonyl chromium complexes. Structural effects of the substituent *[Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France; Comenius Univ. Bratislava, Fac. Sci., Dept. Organ. Chem., Bratislava, Slovakia]*

Vol. 476 pp. 63-72 (1994)
BEER, P.D., DANKS, J.P., DREW, M.G.B., MCALEER, J.F., Redox-active lithium-selective ionophores based on new 2,9-bis(ferrocenyl) substituted phenanthroline derivatives *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; Univ. Reading, Dept. Chem., Reading, Berks, England; Medisense UK, Abingdon, Oxon, England]*

Vol. 476 pp. 73-76 (1994)
FRENZEL, A., KLINGEBIEL, U., LÜTTKE, W., PIEPER, U., Synthese von 1,2-Bis(silyl)indolen unter Anionischer 1,2-Silaltropie
[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany; Univ. Göttingen, Inst. Organ. Chem., Göttingen, Germany]

Vol. 476 pp. 77-84 (1994)
JOACHIM, J.E., APOSTOLIDIS, C., KANELLAKOPULOS, B., MEYER, D., RAPTIS, K., REBIZANT, J., ZIEGLER, M.L., Metallorganische Chemie des Technetiums. XI. Synthese, Charakterisierung und Röntgenstrukturanalyse von η^5-tetramethylazacyclo-pentadeinyltechnetiumtricarbonyl $(Me_4C_4N)Tc(CO)_3 \cdot HNC_4Me_4$ und seinen Mn- und Re-Homologen
[Kernforschungszentrum Karlsruhe Gmbh, Inst. Heisse Chem., Karlsruhe, Germany; Commiss. European Communities, Joint Res. Ctr., Inst. Transuranium Elements, Karlsruhe, Germany; Kernforschungszentrum Karlsruhe Gmbh, Inst. Radiochem., Karlsruhe, Germany; Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]

Vol. 476 pp. 85-91 (1994)
SCHÄFER, M., WOLF, J., WERNER, H., Untersuchungen zur Reaktivität der Carboxylatorhodium(I)-komplexe $[Rh(\eta^2\text{-}O_2CR)(PiPr_3)_2]$ (R=CF_3, CH_3) gegenüber H_2, O_2, CO, CF_3CO_2H, Ethen und Cyclopentadien *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 476 pp. 93-99 (1994)
MÜLLER, J., FRIEDRICH, C., AKHNOUKH, T., QIAO, K., π-Olefin-Iridium-Komplexe. XX. Kristallstruktur von Bis(η^4-cyclohexa-1,3-dien) (2-furyl)iridium und Reaktivität von Bis(η^4-cyclohexa-1,3-dien)-iridiumheteroaryl-Komplexen *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 476 pp. 101-109 (1994)
WIEDERHOLD, M., BEHRENS, U., Übergangsmetall-Heteroallen-Komplexe. XXVII. Bis(trifluoromethyl)keten als Komplexligand
[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]

Vol. 476 pp. 111-120 (1994)
GARCÍA-RUANO, J.L., LÓPEZ-SOLERA, I., MASAGUER, J.R., MONGE, M.A., NAVARRO-RANNINGER, C., RODRÍGUEZ, J.H., Reactivity of acetate-bridged cyclopalladated complexes. ^1H and ^{13}C NMR studies of some monomeric derivatives of *N*-(4-methoxyphenyl)-α-benzoylbenzylideneamine *[Univ. Autonoma Madrid, Dept. Quim., Madrid, Spain]*

Vol. 476 pp. 121-126 (1994)
KABIR, S.E., MIAH, A., UDDIN, K., DEEMING, A.J., Protonation of diphosphine and phosphite derivatives of dodecacarbonyl-triruthenium *[Univ. London, Univ. Coll., Dept. Chem., London, England; Jahangirnagar Univ., Dept. Chem., Dhaka, Bangladesh]*

Vol. 476 pp. 127-132 (1994)
CARERI, M., MANGIA, A., MANINI, P., PREDIERI, G., SAPPA, E., Applications of HPLC-MS to carbonyl clusters of the iron triad. The behaviour of dinuclear "flyover-bridged" iron compounds
[Univ. Parma, Ist. Chim. Gen. & Inorgan., Parma, Italy; Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy]

Vol. 476 pp. 133-143 (1994)
JEYNES, T.P., CIFUENTES, M.P., HUMPHREY, M.G., KOUTSANTONIS, G.A., RASTON, C.L., Ruthenium carbonyl cluster complexes with oxygen ligands. Reactions between $Ru_3(CO)_{12}$ and 4-methoxyphenol or 2-naphthol. Crystal structure of $Ru_4(\mu_3\text{-}OC_6H_4OMe\text{-}4)_2(\mu\text{-}Cl)(\mu\text{-}OC_6H_4OMe\text{-}4)(CO)_{10}$, an unusual mixed-valence cluster *[Univ. New England, Dept. Chem., Armidale, NSW, Australia; Griffith Univ., Fac. Sci. & Technol., Nathan, QLD, Australia]*

Vol. 476 pp. 145-151 (1994)
MATTEOLI, U., SCRIVANTI, A., PAGANELLI, S., On the mechanism of the platinum(0)-acid catalyzed hydrogenation of alkenes
[Univ. Venezia, Dipartimento Chim., Venice, Italy]

Vol. 476 pp. 153-162 (1994)
ETTEL, F., SCHOLLENBERGER, M., SCHIEMENZ, B., HUTTNER, G., ZSOLNAI, L., Zur Reaktivität von Komplexen ($L_nM{=}E{=}ML_n$) (E=Ge, Sn, Pb; L_n=Cp'$(CO)_2$Mn) mit den Chelatliganden 1,10-Phenanthrolin, Tetramethylethylendiamin und 1,8-Oxo-Chinolat
[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]

Vol. 476 pp. 163-171 (1994)
JÄGER, L., FREUDE, B., KRUG, A., HARTUNG, H., Pseudoelementverbindungen. VI. Organometallierung von Arylpseudochalkogenosulfonaten $[RSO_2Y]^-$(Y=NCN, $C(CN)_2$) - Kristall- und Molekülstruktur von 4-$MeC_6H_4SO_2$-NCN-$SnMe_3 \cdot H_2O$ *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Halle, Germany; Martin Luther Univ. Halle Wittenberg, Inst. Phys. Chem., Halle, Germany]*

Vol. 476 pp. 173-181 (1994)
DIEMERT, K., HAHN, T., KUCHEN, W., Reactions of coordinated ligands. VIII. Phosphinoformic acids RR'PCOOH (R,R=organyl, H), the still unknown P-analogues of carbaminic acids, stabilized as ligands in complexes $(CO)_5MPRR'COOH$ (M=Cr, W)
[Univ. Düsseldorf, Inst. Anorgan. Chem. & Strukturchem., Düsseldorf, Germany]

Vol. 476 pp. 183-188 (1994)
BIAGIONI, R.N., LUNA, A.D., MURPHY, J.L., Synthesis of $(\eta^6\text{-}C_{13}H_{10})Mn(CO)_2LPF_6$ and $(\eta^6\text{-}C_{13}H_9)Mn(CO)_2L$ complexes (L=phosphines and phosphites) and kinetic studies of η^6 to η^5 ring slippage reactions *[South-West Missouri State Univ., Dept. Chem., Springfield, MO, USA]*

Vol. 476 pp. 189-195 (1994)
POSTNOV, V.N., KLIMOVA, E.I., GARCIA, M.MARTINEZ, MELESHONKOVA, N.N., RYBAKOV, V.V., ASLANOV, L.A., The behaviour of 2-methylene-3-ferrocenylmethylenecamphane under conditions leading to the cyclodimerization of ferrocenyl-1,3-butadienes *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 476 pp. 197-206 (1994)
BURLAKOV, V.V., POLYAKOV, A.V., YANOVSKY, A.I., STRUCHKOV, YU.T., SHUR, V.B., VOL'PIN, M.E., ROSENTHAL, U., GÖRLS, H., Novel acetylene complexes of titanocene and permethyltitanocene without additional ligands. Synthesis, spectral characteristics and X-ray diffraction study *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany]*

Vol. 476 pp. 207-214 (1994)
ETTEL, F., SCHOLLENBERGER, M., SCHIEMENZ, B., IMHOF, W., HUTTNER, G., ZSOLNAI, L., Nucleophile und oxidative Addition

von S-R-Bausteinen an Heterometallacumulene *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 476 pp. 215–217 (1994)
WRIGHT, J., FRAMBES, L., REEVES, P., A simple route to chiral ferrocenyl alcohols *[Abilene Christian Univ., Dept. Chem., Abilene, TX, USA]*

Vol. 476 pp. 219–223 (1994)
DURRANT, M.C., HAUSER, C., HUGHES, D.L., MAGUIRE, M.J., RICHARDS, R.L., Preparation and crystal structure of *fac*-[Mo(bpt)(CO)$_3$][bpt=1,3-bis(2-pyridyl)-1-thiapropane] *[Univ. Sussex, AFRC, Inst. Plant Sci. Res., Nitrogen Fixat. Lab., Brighton, East Sussex, England]*

Vol. 476 pp. 225–229 (1994)
UHLIG, W., Zur Darstellung neuer Organosiliciumpolymere aus speziell substituierten Silyltriflatderivativen *[ETH Zürich, Anorgan. Chem. Lab., Zürich, Switzerland]*

Vol. 476 pp. 231–234 (1994)
GRYFF-KELLER, A., PREJZNER, J., SZEWCZYK, J., WISNIEWSKI, K., Some remarks on the Pd^0/Cu^I-catalyzed alkynylation reaction of tricarbonyl η^6-chlorobenzene) chromium *[Warsaw Univ. Technol., Dept. Chem., Warsaw, Poland]*

Vol. 476 pp. C1–C5 (1994)
JUTZI, P., BRUSDEILINS, N., Cp*Me$_5$P$_6$C$_5$[M(CO)$_5$]$_3$: Ungewöhnilche Reaktion des tricyclischen Hexaphosphans Cp$_2$*P$_6$ mit M(CO)$_5$thf (M=Cr,W) *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 476 pp. C6–C8 (1994)
RASINKANGAS, M., PAKKANEN, T.T., PAKKANEN, T.A., The first ruthenium carbonyl derivative of fullerene: (η^2-C$_{60}$)Ru(CO)$_4$ *[Univ. Joensuu, Dept. Chem., Joensuu, Finland]*

Vol. 476 pp. C9–C11 (1994)
WANG, Y., DA SILVA, J.J.R.FRAÚSTO, POMBEIRO, A.J.L., PELLINGHELLI, M.A., TIRIPICCHIO, A., Synthesis of *trans*-[Re(NO)$_2$-(Ph$_2$PCH$_2$CH$_2$PPh$_2$)$_2$][BF$_4$], a formal dinitrosyl complex of rhenium(-I) and its protic denitrosylation. X-Ray structure of *trans*-[ReF(NO)(Ph$_2$PCH$_2$CH$_2$PPh$_2$)$_2$][BF$_4$] *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy]*

Vol. 476 pp. C12–C14 (1994)
BROCARD, J., GOETGHELUCK, S., PELINSKI, L., Fonctionnalisations régio et stéréospécifiques successives en méta et en ortho des η^6-arènetricarbonylchrome *[Univ. Sci. & Technol. Lille, CNRS, Chim. Organ. Appl. Synth. Organomet. Lab., URA 402, Villeneuve d'Ascq, France]*

Vol. 476 pp. C15–C17 (1994)
BAUDRY, D., DORMOND, A., ABDALLAOUI, I.ALAOUI, Reactivity of U–H and U–C bonds in electron poor cyclopentadienyluranium complexes: electronic effects *[Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France]*

Vol. 476 pp. C23–C24 (1994)
GRÉVIN, J., KALCK, P., First use of methyl formate with no extra carbon monoxide in the hydroesterification of ethene catalyzed by palladium complexes *[Ecole Natl. Super Chim. Toulouse, Chim. Proc. Lab., Toulouse, France]*

Vol. 476 pp. C25–C26 (1994)
ROSE-MUNCH, F., SUSANNE, C., BALSSA, F., ROSE, E., Cationic arenetricarbonylmanganese complexes: addition of α-anionic Fischer type carbenes *[Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France]*

Vol. 476 pp. C27–C29 (1994)
BALDOLI, C., DEL BUTTERO, P., LICANDRO, E., MAIORANA, S., PAPAGNI, A., ZANOTTI-GEROSA, A., 1,3-Dipolar cycloaddition reactions of alkenylalkoxycarbene chromium complexes *[Univ. Milan, Dipartimento Chim. Organ. & Ind., Milan, Italy; Ctr. Studio Sintesi & Stereochim. Speciali Sistemi Organ., Milan, Italy]*

Vol. 476 pp. C30–C31 (1994)
ITOH, M., MITSUZUKA, M., UTSUMI, T., IWATA, K., INOUE, K., Dehydrogenative coupling reactions between hydrosilanes and monosubstituted alkynes catalyzed by solid bases *[Mitsui Toatsu Chem. Co. Ltd., Cent Res. Lab., Yokohama, Kanagawa, Japan]*

Vol. 476 pp. C32–C34 (1994)
ZHOU, M.S., LAM, C.F., MOK, K.F., LEUNG, P.-H., HOR, T.S.A., Facile ligand transformation from bridging thio to terminal chloromethanethiolato. Bridge opening of [Pt(μ-S)(dppf)]$_2$ by Dichloromethane to give Pt(SCH$_2$Cl)$_2$(dppf) [dppf=Fe(C$_5$H$_4$PPh$_2$)$_2$] *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore]*

Vol. 477 pp. 1–29 (1994)
FREEDMAN, L.D., DOAK, G.O., Antimony: Annual survey covering the year 1992 *[North Carolina State Univ., Dept. Chem., Raleigh, NC, USA]*

Vol. 477 pp. 31–44 (1994)
DOAK, G.O., FREEDMAN, L.D., Bismuth: Annual survey covering the year 1992 *[North Carolina State Univ., Dept. Chem., Raleigh, NC, USA]*

Vol. 477 pp. 45–117 (1994)
WONG, E.H., Chromium, molybdenum, and tungsten. Annual survey covering the year 1992 *[Univ. New Hampshire, Dept. Chem., Durham, NH, USA]*

Vol. 477 pp. 119–171 (1994)
KERBER, R.C., Organoiron chemistry. Annual survey for the year 1992 *[SUNY Stony Brook, Dept. Chem., Long Island, NY, USA]*

Vol. 477 pp. 173–217 (1994)
RICHMOND, M.G., Annual survey of ruthenium and osmium for the year 1991 *[Univ. North Texas, Dept. Chem., Ctr. Organomet. Res. & Educ., Denton, TX, USA]*

Vol. 477 pp. 219–268 (1994)
RICHMOND, M.G., Annual survey of ruthenium and osmium for the year 1992 *[Univ. North Texas, Dept. Chem., Ctr. Organomet. Res. & Educ., Denton, TX, USA]*

Vol. 477 pp. 269–362 (1994)
HEGEDUS, L.S., Transition metals in organic synthesis. Annual survey covering the year 1992 *[Colorado State Univ., Dept. Chem., Fort Collins, CO, USA]*

Vol. 477 pp. 363–430 (1994)
UNGVÁRY, F., Transition metals in organic synthesis. Hydroformylation, reduction, and oxidation. Annual survey covering the year 1992 *[Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary]*

Vol. 478 pp. 1–8 (1994)
KAHLAL, S., HALET, J.-F., SAILLARD, J.-Y., WHITMIRE, K.H., Bonding analysis of electron-rich bridged mixed main-group/transition metal tetrahedral M$_2$E$_2$ organometallic clusters *[Univ. Rennes 1, CNRS, URA 1495, Chim. Solide & Inorgan. Molec. Lab., Rennes, France; Rice Univ., Dept. Chem., Houston, TX, USA]*

Vol. 478 pp. 9–12 (1994)
JØRGENSEN, K.A., Bent *vs.* linear metal alkylidynes. An

electronic reason for bending the W≡C-H angle in tungsten alkylidynes *[Aarhus Univ., Dept. Chem., Aarhus, Denmark]*

Vol. 478 pp. 13–19 (1994)
KING, R.B., Metal cluster topology. XV. Rafting from the triangle to the octahedron in osmium carbonyl cluster chemistry *[Univ. Georgia, Dept. Chem., Athens, GA, USA]*

Vol. 478 pp. 21–28 (1994)
JOHNSON, B.F.G., ROBERTS, Y.V., PARISINI, E., BENFIELD, R.E., Solid-state studies into the possible rearrangement mechanisms for the fluxional behaviour of the tetranuclear carbonyls $M_4(CO)_{12}$ and their derivatives *[Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland; Univ. Bologna, Dipartimento Chim. G. Ciamician, Bologna, Italy; Univ. Kent, Chem. Lab., Canterbury, Kent, England]*

Vol. 478 pp. 29–36 (1994)
JEMMIS, E.D., KUMAR, P.N.V.P., SASTRY, G.N., Possibility of bond stretch isomerism in $[Cp(CO)_2M]_2(\mu\text{-}E)$ complexes (M=Mn, Re, Cr and W; E=S, Se and Te); a molecular orbital study *[Univ. Hyderabad, Sch. Chem., Hyderabad, Andhra Pradesh, India]*

Vol. 478 pp. 37–44 (1994)
CALHORDA, M.J., VEIROS, L.F., Metal–metal bonds in a Au_5 chain and other species *[Inst. Super Tecn., Dept. Engn. Quim., Lisbon, Portugal; Inst. Tecnol. Quim. & Biol., Oeiras, Portugal; Ctr. Quim. Estrutural, Lisbon, Portugal]*

Vol. 478 pp. 45–48 (1994)
POLOWIN, J., BAIRD, M.C., Molecular mechanics modelling of triarylphosphine and phenyl rotation in the compound η^5-Cp*RhBr[P(*p*-tolyl)$_3$]Ph (Cp*=C_5Me_5) *[Queens Univ., Dept. Chem., Kingston, ONT, Canada]*

Vol. 478 pp. 49–55 (1994)
FEHLNER, T.P., Cluster isomerization. The case of M_4B_4 metallaboranes *[Univ. Notre Dame, Dept. Chem. & Biochem., Notre Dame, IN, USA]*

Vol. 478 pp. 57–65 (1994)
ZIEGLER, T., FOLGA, E., A density functional study on σ-bond metathesis reactions of possible importance in dehydrogenative silane polymerization *[Univ. Calgary, Dept. Chem., Calgary, ALB, Canada]*

Vol. 478 pp. 67–73 (1994)
FAHMI, A., MINOT, C., A theoretical study of CO adsorption on TiO_2 *[Univ. Paris 06, CNRS, URA 506, Chim. Organ. Theor. Lab., Paris, France]*

Vol. 478 pp. 75–82 (1994)
AULLÓN, G., ALEMANY, P., ALVAREZ, S., Through-ring bonding in edge-sharing dimers of square planar complexes *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Barcelona, Dept. Phys. Chem., Barcelona, Spain]*

Vol. 478 pp. 83–93 (1994)
SIEGBAHN, P.E.M., Halide ligand effects on olefin insertion into metal–hydrogen bonds for second row transition metal complexes *[Univ. Stockholm, Dept. Phys., Stockholm, Sweden]*

Vol. 478 pp. 95–102 (1994)
GLEITER, R., HYLA-KRYSPIN, I., HERBERICH, G.E., Electronic structure and bonding in triple-decker complexes of Mn and Co with borole ligand(s). Photoelectron spectra and molecular orbital calculations *[Univ. Heidelberg, Inst. Organ. Chem., Heidelberg, Germany; Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 478 pp. 103–110 (1994)
TEMPLETON, J.L., CALDARELLI, J.L., FENG, S.G., PHILIPP, C.C., WELLS, M.B., WOODWORTH, B.E., WHITE, P.S., Geometric features of d^4 metal dicarbonyl monomers with *cis*-π-donor ligands *[Univ. North Carolina, Dept. Chem., Chapel Hill, NC, USA]*

Vol. 478 pp. 111–120 (1994)
CLARE, B.W., FAVAS, M.C., KEPERT, D.L., MAY, A.S., TAYLOR, N.R., The mathematical modelling of ligand arrangements in metal carbonyl clusters. I. Sixteen, seventeen, and eighteen coordination for octahedral metal clusters *[Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 478 pp. 121–129 (1994)
DE VAAL, P., DEDIEU, A., The insertion of acetylene into the palladium–carbon bond of square planar Pd(II) complexes: a theoretical investigation *[Univ. Strasbourg 1, CNRS, UPR 139, Chim. Quant Lab., Strasbourg, France]*

Vol. 478 pp. 131–140 (1994)
HARCOURT, R.D., Valence bond studies of CLi_5 and CLi_6 *[Univ. Melbourne, Sch. Chem., Parkville, VIC, Australia]*

Vol. 478 pp. 141–151 (1994)
LYNE, P.D., MINGOS, D.M.P., The effects of back-bonding to phosphines on the *trans* influence in $[Mo(NH)Cl_3(PR_3)_2]^{0,\pm1}$ (R=H, Me and F) *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England; Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 478 pp. 153–160 (1994)
BARCKHOLTZ, T.A., BURSTEN, B.E., NICCOLAI, G.P., CASEY, C.P., An analysis of the metal–metal bonding in organodirhenium complexes containing Re–Re double bonds *[Ohio State Univ., Dept. Chem., Columbus, OH, USA; Univ. Wisconsin, Dept. Chem., Madison, WI, USA]*

Vol. 478 pp. 161–171 (1994)
LÓPEZ, J.A., MEALLI, C., A pictorial MO description of Buckminsterfullerene and its interactions with transition metal fragments *[CNR, Ist. Studio Stereochim. & Energet. Composti Coord., Florence, Italy]*

Vol. 478 pp. 173–177 (1994)
CONLON, P.C., FITZPATRICK, N.J., An all-electron and effective core potential study of the effects of electron correlation on the Group-7 complexes $[(C_6H_6)X(CO)_3]^+$, with X=Mn, Tc, Re *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland]*

Vol. 478 pp. 179–188 (1994)
GIRARD, L., BAIRD, M.C., CHETCUTI, M.J., MCGLINCHEY, M.J., Mono-, di- and tri-metallic complexes of trimethylenemethane: an EHMO study of the TMM rotational barrier *[McMaster Univ., Dept. Chem., Hamilton, ONT, Canada; Univ. Notre Dame, Dept. Chem. & Biochem., Notre Dame, IN, USA; Queens Univ., Dept. Chem., Kingston, ONT, Canada]*

Vol. 478 pp. 189–196 (1994)
GIRARD, L., LOCK, P.E., EL AMOURI, H., MCGLINCHEY, M.J., The rearrangement pathway in $[Cp_2Mo_2(CO)_4(RC{\equiv}C\text{-}C_2)]^+$ cations: an extended Hückel molecular orbital and Bürgi-Dunitz trajectory study *[McMaster Univ., Dept. Chem., Hamilton, ONT, Canada; Ecole Natl. Super Chim., Paris, France]*

Vol. 478 pp. 197–203 (1994)
LIN, Z.Y., HALL, M.B., GUEST, M.F., SHERWOOD, P., Theoretical studies of inorganic and organometallic reaction mechanisms. VIII. Hydrogen exchange in the β-agostic ethylene

complex of cyclopentadienyl rhodium *[Texas A&M Univ., Dept. Chem., College Station, TX, USA; SERC, Daresbury Lab., Warrington, Cheshire, England]*

Vol. 478 pp. 205–211 (1994)
WHITE, D., TAVENER, B.C., LEACH, P.G.L., COVILLE, N.J., Solid angles. I. The radial profile *[Univ. Witwatersrand, Dept. Chem., Johannesburg, South Africa; Univ. Natal, Dept. Math. & Appl. Math., Durban, South Africa]*

Vol. 478 pp. 213–221 (1994)
LICHTENBERGER, D.L., WRIGHT, L.L., GRUHN, N.E., REMPE, M.E., Electronic structure of exohedral interactions between C_{60} and transition metals *[Univ. Arizona, Dept. Chem., Tucson, AZ, USA; Furman Univ., Dept. Chem., Greenville, SC, USA]*

Vol. 479 pp. 1–29 (1994)
MÖHRING, P.C., COVILLE, N.J., Homogeneous Group 4 metallocene Ziegler-Natta catalysts: the influence of cyclopentadienyl-ring substituents *[Univ. Witwatersrand, Dept. Chem., Johannesburg, South Africa]*

Vol. 479 pp. 31–35 (1994)
BACHMAN, R.E., WHITMIRE, K.H., Molecular and crystal structure of $[Et_4N][Cl]\cdot 2[Fe_2(CO)_6Te_2]$ *[Rice Univ., Dept. Chem., Houston, TX, USA]*

Vol. 479 pp. 37–46 (1994)
VILA, J.M., GAYOSO, M., PEREIRA, T., RODRÍGUEZ, C., ORTIGUEIRA, J.M., FERNÁNDEZ, J.J., TORRES, M.L., Reactivity of tetranuclear cyclometallated palladium(II) halide-bridged complexes of bis(*N*-benzylidene)-1,4-phenylenediamines *[Univ. Santiago de Compostela, Dept. Quim. Inorgan., Santiago, Spain]*

Vol. 479 pp. 47–53 (1994)
MAYR, A., CHANG, R.T., LEE, T.-Y., CHEUNG, O.K., KJELSBERG, M.A., MCDERMOTT, G.A., VAN ENGEN, D., Reactions of phosphine-substituted alkylidyne carbonyltungsten complexes with dithiocarbamate ligands: phosphine substitution and alkylidyne-carbonyl coupling *[SUNY Stony Brook, Dept. Chem., Stony Brook, NY, USA; Princeton Univ., Dept. Chem., Princeton, NJ, USA]*

Vol. 479 pp. 55–58 (1994)
DEYDIER, E., MENU, M.-J., DARTIGUENAVE, M., DARTIGUENAVE, Y., Reaction of $[(PEt_3)_3Rh\{C(N_2)SiMe_3\}]$ with terminal alkynes – synthesis of σ-alkynyl rhodium(III) complexes *[Univ. Paul Sabatier, Chim. Inorgan. Lab., Toulouse, France]*

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TUNIK, S.P., VLASOV, A.V., KOGDOV, K.V., STAROVA, G.L., NIKOL'SKII, A.B., MANOLE, O.S., STRUCHKOV, YU.T., Synthesis and structural characterization of the isomers of $Rh_6(CO)_{14}L_2$ clusters (L=NCMe,Py,$P(OPh)_3$), X-ray crystal structure of *trans*-$Rh_6(CO)_{14}\{P(OPh_3)\}_2$ *[St. Petersburg State Univ., Dept. Chem., St. Petersburg, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 479 pp. 73–86 (1994)
GILBERT, T.M., BOND, A.H., ROGERS, R.D., Structures of a series of [4-R-C_6H_4-$CH(OR')_2$]$Cr(CO)_3$ complexes: evidence against a favored carbonyl orientation in (*para*-disubstituted arene) chromium tricarbonyl compounds *[North Illinois Univ., Dept. Chem., De Kalb, IL, USA]*

Vol. 479 pp. 87–91 (1994)
SINGHAL, A., JAIN, V.K., PATEL, R.P., VYAS, A., BOHRA, R., Synthesis and characterization of chloro/pyrazolato bridged binuclear organoplatinum(II) complexes: Single crystal structure of $[Pt_2Ph_2(\mu\text{-}Cl)(\mu\text{-}pz)(PMe_2Ph)_2]$ *[Bhabha Atom Res. Ctr., Div. Chem., Bombay, Maharashtra, India; Univ. Rajasthan, Dept. Chem., Jaipur, Rajasthan, India]*

Vol. 479 pp. 93–102 (1994)
QUÁNEC'H, P., RUMIN, R., PÉTILLON, F.Y., Reactions of di- and poly-nuclear complexes. XII. Synthesis and thermal decomposition reactions of tetranuclear clusters $[Co_4Cp_2(CO)_{5-n}L_n(RC_2R')]$ (L=PPh_2H; n=0, 1 or 2) (R=R'=CF_3, C_6F_5, C_6H_5 or Me; R=H, R'=CF_3) *[Univ. Bretagne Occidentale, Fac. Sci., CNRS, Unite Chim. Electrochim. Molec. & Chim. Analyt., Brest, France]*

Vol. 479 pp. 103–108 (1994)
CUNNINGHAM, D., HIGGINS, T., MCARDLE, P., CORRIGAN, W., MANNING, A.R., The structures of two $[Fe(\eta^4\text{-}C_7H_8)(CO)_2(L)]$ complexes (C_7H_8=Norbornadiene; L=CNMe or PPh_3) *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland; Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 479 pp. 109–116 (1994)
DARAN, J.-C., HEIM, B., GOUYGOU, M., JEANNIN, Y., Easy triphenylphosphine replacement of a CO ligand in the dicarbene complex $[Fe_2(CO)_7\{\mu\text{-}C(R)C(NEt_2)\}]$. Syntheses and characterizations of $[Fe_2(CO)_6(PPh_3)\{\mu\text{-}C(R)C(NEt_2)\}]$ *[Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 479 pp. 117–124 (1994)
PERERA, S.D., SHAW, B.L., Cyclometallation of 2-halogenobenzaldehyde mixed azine phosphines of type $PPh_2CH_2C(^tBu)$=N-N=$CH(C_6H_4X\text{-}2)$ (X=1, Br or Cl) involving facile C–X bond fission at tungsten(0) *[Univ. Leeds, Sch. Chem., Leeds, West Yorkshire, England]*

Vol. 479 pp. 125–133 (1994)
HEY-HAWKINS, E., KURZ, S., P-H-funktionelle Zirkonocen-Phosphido-Komplexe – Synthese von $Cp_2Zr\{PH(2,4,6\text{-}^tBu_3C_6H_2)\}(X)$ {Cp=C_5H_5, X=Cl, $PH(2,4,6\text{-}^tBu_3C_6H_2)$} und Molekülstruktur von $Cp_2Zr\{PH(2,4,6\text{-}^tBu_3C_6H_2)\}_2$ *[Univ. Leipzig, Inst. Anorgan. Chem., Leipzig, Germany]*

Vol. 479 pp. 135–139 (1994)
BURMAN, J.A., HAYS, M.L., BURKEY, D.J., TANNER, P.S., HANUSA, T.P., Synthesis and structural characterization of Hexa(cyclohexyl)ferrocene, $[1,2,4\text{-}(C_6H_{11})_3C_5H_2]_2Fe$ *[Vanderbilt Univ., Dept. Chem., Nashville, TN, USA]*

Vol. 479 pp. 141–151 (1994)
WESTERHAUSEN, M., Strukturen der Strontium-bis[bis(trimethylsilyl)phosphanide] in Abhängigkeit vom THF-Gehalt *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

Vol. 479 pp. 153–157 (1994)
CASTAN, P., LABIAD, B., VILLEMIN, D., WIMMER, F.L., WIMMER, S., Solid-state cyclometallation of the 1-methyl-2,4'-bipyridinium complexes of palladium(II) and platinum(II) *[Univ. Brunei Darussalam, Dept. Chem., Bandar Seri, Begawan, Brunei; Univ. Paul Sabatier, Chim. Inorgan. Lab., Toulouse, France; Ecole Natl. Super Ingenieurs Caen, ISMRA, CNRS, UA 480, Caen, France]*

Vol. 479 pp. 159–164 (1994)
ARCE, A.J., ARROJO, P., DE SANCTIS, Y., MÁRQUEZ, M., DEEMING, A.J., Oxidative addition reactions of 2,2'-bithiophene and 2,2':5',2''-terthiophene with trinuclear clusters of iron, ruthenium and osmium *[Inst. Venezolano Invest. Cient., Ctr. Chem., Caracas, Venezuela; Univ. London, Univ. Coll., Dept.*

Chem., London, England]

Vol. 479 pp. 165–169 (1994)
HENGGE, E., GSPALTL, P., SPIELBERGER, A., Mehrcyclische Ringsysteme mit Cyclopentasilanen *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 479 pp. 171–186 (1994)
SCHUMANN, H., SEUß, T.D., JUST, O., WEIMANN, R., HEMLING, H., GÖRLITZ, F.H., Intramolekular stabilisierte Gallium- und Indiumorganyle: Synthese und Röntgenstrukturanalyse repräsentativer Bis- und Tris[3-(dialkylamino)propyl]-gallium- und -indium-Derivate *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 479 pp. 187–192 (1994)
HENGGE, E., SIEGL, H., STADELMANN, B., Cyclopentasilanderivate mit Übergangselementen *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 479 pp. 193–196 (1994)
HASSLER, K., KATZENBEISSER, U., REITER, B., Verbesserte Synthesen von Phenyltrisilanen *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 479 pp. 197–198 (1994)
EGOROV, A.M., ANISIMOV, A.V., Optical activity retention in the reaction of magnesium with (+)-R-1-chloro-1-phenylethane *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 479 pp. 199–205 (1994)
KUDZIN, Z.H., KOTYNSKI, A., ANDRIJEWSKI, G., 1-Aminoalkanediphosphonic acids. Synthesis and acidic properties *[Univ. Lodz, Dept. Organ. Chem., Lodz, Poland; Med. Acad. Lodz, Fac. Pharm., Inst. Chem., Lodz, Poland; Univ. Lodz, Dept. Gen. & Inorgan. Chem., Lodz, Poland]*

Vol. 479 pp. 207–211 (1994)
GIBSON, V.C., GOBETTO, R., HARRIS, R.K., LANGDALE-BROWN, C., SIEMELING, U., Niobium-phosphorus coupling constants *[Univ. Durham, Dept. Chem., Durham, England]*

Vol. 479 pp. 213–216 (1994)
TRZECIAK, A.M., ZIÓŁKOWSKI, J.J., Rhodium complex catalyzed hydroformylation reactions of linear and cyclic mono- and diolefins *[Univ. Wroclaw, Inst. Chem., Wroclaw, Poland]*

Vol. 479 pp. 217–220 (1994)
ZHOU, Y.L., BECK, W., Metallkomplexe mit biologisch wichtigen Liganden. LXXI. Carbonyl-cyclopentadienyl-Eisen-, Ruthenium- und Wolfram-Komplexe von 1-Thioglucose *[Ludwig Maximilians Univ. München, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 479 pp. 221–225 (1994)
LIPPMANN, E., MILKE, J., SÜNKEL, K., BECK, W., Synthese und Struktur eines stabilen 16-Elektronen-γ-Acyl-Esterenolat-Iridium(III)-Komplexes $(Cl)(Ph_3P)_2Ir\text{-}C(O)CH{=}C(OEt)O$ *[Ludwig Maximilians Univ. München, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 479 pp. 227–235 (1994)
WIESER, M., MISSLING, C., ROBL, C., BECK, W., Metallorganische Lewissäuren. LIII. Koordination von metallorganischen Lewissäuren an Übergangsmetall-gebundene Nitril- und Carbonylgruppen *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 479 pp. 237–245 (1994)
PATHAK, D.D., ADAMS, H., BAILEY, N.A., KING, P.J., WHITE, C., An unprecedented tridentate mode of co-ordination of a BINAP ligand: synthesis and crystal structures of $[Ru(\eta^5\text{-}C_5H_5)\{(R)\text{-(BINAP)}\}]^+CF_3SO_3^-$ and $Ru(\eta^5\text{-}C_5H_5)\{(R)\text{-(BINAP)}\}I$ *[Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 479 pp. C1–C5 (1994)
ZHU, Z.G., DI GUAN, Y., ZOU, J.W., Synthesis and reactivity of 3-(triphenylgermyl)propanoic acid *[Beijing Univ., Dept. Chem., Beijing, P.R. China]*

Vol. 479 pp. C6–C8 (1994)
ZAPATA, A.J., RUÍZ, J., Palladium-catalyzed coupling reactions of functionalized styryl bromides with 1-propenyltributyltin *[Univ. Simon Bolivar, Dept. Quim., Caracas, Venezuela]*

Vol. 479 pp. C9–C11 (1994)
PELLECCHIA, C., IMMIRZI, A., ZAMBELLI, A., Single insertion of propene into a cationic zirconium(IV) complex: isolation and X-ray crystal structure of $[(C_5Me_5)Zr(CH_2CHMeCH_2Ph)(CH_2Ph)][B(CH_2Ph)(C_6F_5)_3]$ *[Univ. Salerno, Dipartimento Fis., Baronissi, Italy]*

Vol. 479 pp. C12–C15 (1994)
TOERIEN, J.G., DESMET, M., KRUGER, G.J., RAUBENHEIMER, H.G., Carbene complexes of Fe^{II} prepared from a precursor complex containing a remote nucleophilic heteroatom *[Rand Afrikaans Univ., Dept. Chem., Johannesburg, South Africa]*

Vol. 479 pp. C16–C17 (1994)
MINGOS, D.M.P., YAU, J., Synthesis and applications of $[Au(NCPh)_2][BF_4]$, a versatile labile intermediate for gold(I) chemistry *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England]*

Vol. 479 pp. C18–C20 (1994)
EL MOUATASSIM, B., EL AMOURI, H., SALMAIN, M., JAOUEN, G., Synthesis of the new organometallic carboxylic acid complexes $[(\eta^5\text{-}C_5H_4COOH)M(CO)_nMe]$(M=Mo, n=3; M=Fe, n=2) and their potential as bioconjugates *[Ecole Natl. Super Chim., Paris, France]*

Vol. 479 pp. C21–C24 (1994)
BELAY, M., EDELMANN, F.T., 2,4,6-tris(trifluoromethyl)phenyl und 2,4,6-tris(fluoromethyl)dithiobenzoat als Liganden in Cobalt(II)- und Nickel(II)-Verbindungen *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

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RYBIN, L.V., OSINTSEVA, S.V., PETROVSKII, P.V., RYBINSKAYA, M.I., DOLGUSHIN, F.M., YANOVSKY, A.I., STRUCHKOV, YU.T., Reactions of dodecacarbonyltriruthenium with enones. Five-membered oxaruthenacycles *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 479 pp. C28–C29 (1994)
BINGER, P., GLASER, G., A convenient synthesis of pentaphosphorus analogs of ferrocene $[Fe(\eta^5\text{-}P_2C_3R_3)(\eta^5\text{-}P_3C_2R_2)]$ *[Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 480 pp. 1–9 (1994)
MORRIS, R.J., WILSON, S.R., GIROLAMI, G.S., Vanadium(II) alkyls. Synthesis and X-ray crystal structures of *trans*-$VMe_2(dmpe)_2$ and *cis*-$V(CH_2SiMe_3)_2(dmpe)_2$ *[Univ. Illinois, Sch. Chem. Sci., Urbana, IL, USA]*

Vol. 480 pp. 11–14 (1994)
GROSHENS, T.J., JOHNSON, C.E., Pyrolysis and film growth studies of phosphinoborane compounds *[USN, Ctr. Air Warfare, Div. Weapons, Res. Dept., Div. Chem., China Lake, CA, USA]*

Vol. 480 pp. 15–21 (1994)
BARTIK, T., BARTIK, B., GUO, I.P., HANSON, B.E., Synthesis and characterization of $Na_5[Co(CO)_3(P\{(CH_2)_nC_6H_4\text{-}p\text{-}SO_3\}_3)_2]$, $n=1$, 2, 3, and 6. Novel zwitterionic cobalt(I) complexes and their use as precursors to water soluble hydroformylation catalysts *[Virginia Polytech. Inst. & State Univ., Dept. Chem., Blacksburg, VA, USA; Hungarian Acad. Sci., Petrochem. Res. Grp., Veszprém, Hungary]*

Vol. 480 pp. 23–26 (1994)
CELLA, J.A., CARPENTER, J.C., Procedures for the preparation of silanols *[GE Co., Corp. Res. & Dev., Schenectady, NY, USA]*

Vol. 480 pp. 27–40 (1994)
VAN ASSELT, R., VRIEZE, K., ELSEVIER, C.J., Oxidative addition of organic halides to zerovalent palladium complexes containing rigid bidentate nitrogen ligands *[Univ. Amsterdam, Anorgan. Chem. Lab., Amsterdam, Netherlands]*

Vol. 480 pp. 41–44 (1994)
EVANS, W.J., GONZALES, S.L., Formation of a THF adduct of the organometallic samarium oxide $[(C_5Me_5)_2Sm]_2(\mu\text{-}O)$ *[Univ. Calif. Irvine, Dept. Chem., Irvine, CA, USA]*

Vol. 480 pp. 45–50 (1994)
AL-JUAID, S.S., HITCHCOCK, P.B., JOHNSON, J.A., NIXON, J.F., First structural evidence for complexes containing arsadiphospholyl anions. Crystal structure of the iron(II) complex $[Fe(\eta^5\text{-}C_5H_5)(\eta^5\text{-}C_2{}^tBu_2AsP_2)W(CO)_5]$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 480 pp. 51–63 (1994)
FELTEN, C., RODEWALD, D., PRIEBSCH, W., OLBRICH, F., REHDER, D., Synthesis, structure and reactions of seven-coordinate, phosphine-supported, halide-activated carbonyl- and alkyne-complexes of niobium(I) *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 480 pp. 65–74 (1994)
PATZKE, B., SUSTMANN, R., Dimerization of methyl acrylate by homogeneous transition metal catalysis. II. Activation of dihydridoruthenium(II) phosphane complexes by CF_3SO_3H *[Univ. Gesamthsch. Essen, Inst. Organ. Chem., Essen, Germany]*

Vol. 480 pp. 75–79 (1994)
HONG, F.-E., CHANG, Y.-T., CHEN, C.-T., WANG, S.-L., LIAO, F.-L., Preparation and structure of (η^5-cyclopentadienyl)(η^4-tetraphenylcyclobutadiene)cobalt coordinated by four $Cr(CO)_3$ units at the phenyl rings *[Natl. Chung-Hsing Univ., Dept. Chem., Taichung, Taiwan; Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan]*

Vol. 480 pp. 81–90 (1994)
SILVA, M.E.N.P.R.A., POMBEIRO, A.J.L., DA SILVA, J.J.R.FRAÚSTO, HERRMANN, R., DEUS, N., BOZAK, R.E., Redox potential and substituent effects in ferrocene derivatives: II *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Tech. Univ. Munich, Inst. Organ. Chem., Garching, Germany; Calif. State Univ. Hayward, Dept. Chem., Hayward, CA, USA]*

Vol. 480 pp. 91–102 (1994)
NAIGRE, R., CHENAL, T., CIPRES, I., KALCK, P., DARAN, J.-C., VAISSERMANN, J., Carbon monoxide as a building block in organic synthesis. Part V. Involvement of palladium-hydride species in carbonylation reactions of monoterpenes. X-ray crystal structure of $[Ph_3PCH_2CH{=}CHPh]_4[PdCl_6][SnCl_6]$ *[Lab. Chim. Met. Transit., Paris, France; Ecole Natl. Super Chim. Toulouse, Chim. Proc. Lab., Toulouse, France]*

Vol. 480 pp. 103–109 (1994)
VICENTE, J., BERMÚDEZ, M.-D., CARRIÓN, F.J., MARTÍNEZ-NICOLÁS, G., The use of thermotropic liquid crystals in organometallic chemistry. Synthesis of new mercury, silver and gold complexes with 4,4'-disubstituted azobenzenes *[Univ. Murcia, Dept. Quim. Inorgan., Quim. Organomet. Grp., Murcia, Spain; Univ. Murcia, EUP Cartagena, Dept. Quim. Aplicada & Ingn. Met., Ciencia Mat. & Ingn. Met. Grp., Cartagena, Spain]*

Vol. 480 pp. 111–137 (1994)
JEANNIN, S., JEANNIN, Y., ROBERT, F., ROSENBERGER, C., Reaction of unsymmetrical thioalkynes $RC{\equiv}CSC_2H_5$ ($R=CH_3$ or C_6H_5) with iron carbonyl: cluster nuclearity has been increased from two to five iron atoms by utilizing C-S cleavage *[Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 480 pp. 139–143 (1994)
AL-MANSOUR, A.I., AL-JUAID, S.S., EABORN, C., HITCHCOCK, P.B., Crystal structure of the crowded silanol $(Me_3Si)_3CSiPh_2OH$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 480 pp. 145–153 (1994)
WERNER, H., DANIEL, T., BRAUN, T., NÜRNBERG, O., Five-membered OsC_3N heterocycles from osmium azavinylidenes as precursors *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 480 pp. 155–161 (1994)
BERTHET, J.-C., LE MARÉCHAL, J.-F., EPHRITIKHINE, M., Half-sandwich and mixed-ring uranium complexes *[CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Chim. Uranium Lab., CNRS, URA 331, Gif sur Yvette, France]*

Vol. 480 pp. 163–166 (1994)
LORBERTH, J., WOCADLO, S., MASSA, W., YASHINA, N.S., GRIGOR'EV, E.V., PETROSYAN, V.S., Synthesis and structure of diethyltindichloride methylenediphosphinato complex: $Et_2SnCl_2{\cdot}[Me(^iPrO)P(O)]_2CH_2$ *[Philipps Univ., Fachbereich Chem., Marburg, Germany; Moscow M.V. Lomonosov State Univ., Moscow, Russia]*

Vol. 480 pp. 167–171 (1994)
KLINKHAMMER, K.W., HENKEL, S., Thallium(I)-bis(trimethylsilyl)amid *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany; Univ. Stuttgart, Inst. Organ. Chem., Stuttgart, Germany]*

Vol. 480 pp. 173–175 (1994)
HASSLER, K., KATZENBEISSER, U., Synthese und Eigenschaften einiger Iodtrisilane *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 480 pp. 177–184 (1994)
MONTEIL, F., QUEAU, R., KALCK, P., Behaviour of water-soluble dinuclear rhodium complexes in the hydroformylation reaction of oct-1-ene *[Ecole Natl. Super Chim. Toulouse, Chim. Proc. Lab., Toulouse, France]*

Vol. 480 pp. 185–189 (1994)
MOLDES, I., MATHIEU, R., Attempts at stepwise reduction of the carbon–nitrogen triple bond of a nitrile at two metal centres. Study of the reactivity of $[(CO)(PPh_3)_2Re(\mu\text{-}H)_2(\mu\text{-}NCHPh)\text{-}Ru(PPh_3)_2(PhCN)]$ towards tetrafluoroboric acid and dihydrogen *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 480 pp. 191–194 (1994)
SCHULZ, A., KLAPÖTKE, T.M., CAMERON, T.S., BAKSHI, P.K., Das Reaktionsverhalten von Cp_2NbCl_2 gegenüber WF_6 – Struktur von $[Cp_2NbCl_2]_4^+[WF_6]_2^-[WCl_6]^{2-}$ *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Dalhousie Univ., Dept. Chem., Halifax, NS, Canada]*

Vol. 480 pp. 195–197 (1994)
SCHULZ, A., KLAPÖTKE, T.M., Das Perfluortriazinium-Kation als Oxidationsmittel in der metallorganischen Synthese – Ein neuer Weg zur Darstellung von $[Cp_2MCl_2]^{2+}$ (M=Mo, W) *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 480 pp. 199–203 (1994)
AL-JUAID, S.S., EABORN, C., HITCHCOCK, P.B., KUNDU, K., MCGEARY, C.A., SMITH, J.D., Preparation, crystal structure, and reactivity of bis{tris(trimethylsilyl)methyl}magnesium *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 480 pp. 205–212 (1994)
CABEZA, J.A., LLAMAZARES, A., RIERA, V., BRIARD, P., OUAHAB, L., Synthesis, structure and hydrogenation catalytic activity of $[Ru_3(\mu_3,\eta^2\text{-ampy})(\mu,\eta^1{:}\eta^2\text{-PhC=CHPh})(CO)_6(PPh_3)_2]$ (ampy=2-amino-6-methylpyridine) *[Univ. Oviedo, Inst. Quim. Organomet. Enrique Moles, Dept. Quim. Organ. & Inorgan., Oviedo, Spain; Chim. Solide & Inorgan. Molec. Lab., CNRS, URA 1495, Rennes, France]*

Vol. 480 pp. 213–220 (1994)
MÜLLER, J., GAEDE, P.ESCARPA, QIAO, K., π-Olefin-Iridium-Komplexe. XXI. Synthese und Kristallstrukturen heterobinuclearer Komplexe mit wannenförmiger, synfacial gebundener $\eta^3{:}\eta^3$-Benzolbrücke *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

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FISCHER, H., REINDL, D., TROLL, C., Aminosubstituierte 2-Azoniaallenylidenen-Komplexe des Chroms und Wolframs *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

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MILLINGTON, P.L., SOWERBY, D.B., Preparation and crystal structures of five organoantimony halides – (*p*-tolyl)antimony(III) dichloride and dibromide, diphenylantimony(III) bromide, (biphenyl-2,2'-diyl)antimony(III) chloride and bis-(2'-chlorobiphenyl-2-yl)antimony(V) trichlorid *[Univ. Nottingham, Dept. Chem., Nottingham, England]*

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HERRES, M., LANG, H., Stabile Bis(η^2-alkin)MCl_2-Komplexe; Darstellung und Reaktivität *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 480 pp. 241–254 (1994)
GILBERT, S., KNORR, M., MOCK, S., SCHUBERT, U., Übergangsmetall-Silyl-Komplexe. L. Darstellung, Struktur und Reaktivität der Trihydrido-Silyl- und -Stannyl-Komplexe $L_3FeH_3(ER_3)$ (E=Si, Sn) *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

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WILLEM, R., DELMOTTE, A., DE BORGER, I., BIESEMANS, M., GIELEN, M., KAYSER, F., TIEKINK, E.R.T., Synthesis, X-ray-diffraction analysis and NMR studies of (Z)-2-methyl-3-triphenylstannyl-3-pentene-2-ol *[Free Univ. Brussels, Fac. Appl. Sci., Dept. Gen. & Organ. Chem., Brussels, Belgium; Free Univ. Brussels, Ctr. High Resolut. NMR, Brussels, Belgium; Univ. Adelaide, Dept. Chem., Adelaide, SA, Australia]*

Vol. 480 pp. 261–266 (1994)
MASLAKOV, A.G., GRESHAM, E., HAMOR, T.A., MCWHINNIE, W.R., PERRY, M.C., SHAIKH, N., Bis-(8-oxo quinoline)diorgano tellurium(IV) compounds; structural and spectroscopic studies *[Univ. Aston, Dept. Chem. Engn. & Appl. Chem., Birmingham, West Midlands, England; Univ. Birmingham, Sch. Chem., Birmingham, West Midlands, England]*

Vol. 480 pp. C1–C3 (1994)
HOGG, J.K., JAMES, S.L., ORPEN, A.G., PRINGLE, P.G., Chelating diphos ligands with inorganic backbones. Crystal structure of $[PtCl_2\{(PPh_2O)_2SiPh_2\}]$ *[Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 480 pp. C4–C6 (1994)
CHIVERS, T., HILTS, R.W., PARVEZ, M., RISTIC-PETROVIC, D., HOFFMAN, K., Preparation and structure of a ruthenium dicarbonyl derivative of the $P_2N_4S_2$ ring *[Univ. Calgary, Dept. Chem., Calgary, ALB, Canada; Univ. Alberta, Dept. Chem., Edmonton, ALB, Canada]*

Vol. 480 pp. C7–C9 (1994)
HERRMANN, W.A., ÖFELE, K., ELISON, M., KÜHN, F.E., ROESKY, P.W., Nucleophilic cyclocarbenes as ligands in metal halides and metal oxides *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 480 pp. C10–C11 (1994)
MARTÍN, A., MENA, M., PALACIOS, F., Molecular structure of trichloro(η^5-pentamethylcyclopentadienyl)zirconium(IV) *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

Vol. 480 pp. C12–C13 (1994)
CONNELLY, N.G., CROSSLEY, J.G., ORPEN, A.G., SALTER, H., The co-stacking of a planar metal complex and a novel 1,3-dithiole: the synthesis and crystal structure of $[Pt(mnt)(CNMe)_2]\cdot(NC)_2C_2S_2CNMe$ *[Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 480 pp. C14–C15 (1994)
DELPON-LACAZE, G., COURET, C., Organometallic alkenes: the first stable silene in the neopentyl series *[Univ. Paul Sabatier, CNRS, UA 477, Chim. Organomineraux Lab., Toulouse, France]*

Vol. 480 pp. C16–C17 (1994)
GUSEV, O.V., PEGANOVA, T.A., PETERLEITNER, M.G., PEREGUDOVA, S.M., DENISOVICH, L.I., USTYNYUK, N.A., MAITLIS, P.M., Bis(η^5-pentamethylcyclopentadienyl)- and (η^5-cyclopentadienyl) (η^5-pentamethylcyclopentadienyl) platinium dications: Pt(IV) metallocenes *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 480 pp. C18–C19 (1994)
JUTZI, P., BANGEL, M., Galliumverbindungen mit dem 2-(N,N-Dimethylamino)ethylcyclopentadienylliganden *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 481 pp. 1–6 (1994)
PAMPALONI, G., KOELLE, U., Chemical and electrochemical studies on metal carbonyl/cobaltocene systems *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., Pisa, Italy; Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 481 pp. 7–17 (1994)
BONETTI, J., GONDARD, C., PETIAUD, R., LLAURO, M.-F., MICHEL, A., Formation of dimeric 1-alkoxy-3-acyloxytetrabutyl-distannoxanes by reaction of dibutyltin oxide with esters.

I. Characterization in solution by multinuclear NMR spectroscopy and application to polymer crosslinking *[CNRS, Mat. Organ. Proprietes Specif. Lab., Vernaison, France; CNRS, Serv. Cent. Anal., Vernaison, France]*

Vol. 481 pp. 19–25 (1994)
WATANABE, S., OGOSHI, S., KAKIUCHI, K., KUROSAWA, H., Synthesis of η^3-2-stannylmethylallylpalladium complexes and their destannylation leading to trimethylenemethane-palladium species *[Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

Vol. 481 pp. 27–35 (1994)
ANTIÑOLO, A., FAJARDO, M., GALAKHOV, M., GIL-SANZ, R., LÓPEZ-MARDOMINGO, C., OTERO, A., LUCAS, D., CHOLLET, H., MUGNIER, Y., Synthesis, electrosynthesis and structural studies of bis(silylcyclopentadienyl)niobium complexes with acetylene ligands *[Univ. Castilla La Mancha, Fac. Quim., Dept. Quim. Inorgan. Organ. & Bioquim., Ciudad Real, Spain; Univ. Alcalá de Henares, Dept. Quim. Organ., Alcalá de Henares, Spain; Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain; Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France]*

Vol. 481 pp. 37–44 (1994)
GIMENO, M.C., JIMÉNEZ, J., LAGUNA, A., LAGUNA, M., JONES, P.G., PARISH, R.V.D., Asymmetric monocationic and dicationic gold(II) complexes: X-ray structure of $[MePh_2PAu(CH_2PPh_2CH_2)_2AuOH_2](ClO_4)_2 \cdot 2CH_2Cl_2 \cdot H_2O$ *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain; Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany; Univ. Manchester, Inst. Sci. & Technol., Dept. Chem., Manchester, Lancs, England]*

Vol. 481 pp. 45–55 (1994)
HÜFFER, S., WIESER, M., POLBORN, K., BECK, W., Kohlenwasserstoffverbrückte Komplexe. XXIX. Nucleophile Addition von Carbonylmetallaten an kationische Allyl- und Alken-Komplexe von Wolfram, Mangan, Rhenium, Eisen, Ruthenium, Osmium, Cobalt und Iridium: Zwei-, drei- und vierkernige K *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 481 pp. 57–62 (1994)
SOBOTA, P., WROBLEWSKA, M., SZAFERT, S., GLOWIAK, T., The synthesis of olefin polymerization precatalysts: $[TiCl_4(C_4H_7OCH_2CO_2CH_3)]$ and $[(C_4H_7OCH_2CO_2Et)_2Mg(\mu\text{-}Cl)_2TiCl_4] \cdot 2CH_2Cl_2$. Crystal structures and properties *[Univ. Wroclaw, Inst. Chem., Wroclaw, Poland]*

Vol. 481 pp. 63–68 (1994)
CUNNINGHAM, D., HIGGINS, T., MCARDLE, P., CORRIGAN, W., FOLEY, R., MANNING, A.R., The structure of $[\{Co(\eta^4\text{-}C_6H_{10})(CO)_2\}_2SnCl_2]$ in the solid state (C_6H_{10} = 2,3-dimethylbuta-1,3-diene) *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland; Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 481 pp. 69–73 (1994)
GRADOZ, P., EPHRITIKHINE, M., LANCE, M., VIGNER, J., NIERLICH, M., Dimeric uranium complexes with bridging phospholyl ligands. Crystal structure of $[\{U(\eta^5\text{-}C_4Me_4P)(\mu\text{-}\eta^5,\eta^1\text{-}C_4Me_4P)(BH_4)\}_2]$ *[CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Chim. Uranium Lab., CNRS, URA 331, Gif sur Yvette, France; CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Cristallog. Lab., CNRS, URA 331, Gif sur Yvette, France]*

Vol. 481 pp. 75–82 (1994)
EUJEN, R., PATORRA, A., Trifluoromethyl-substituierte Plumbane – Darstellung, Eigenschaften und NMR-spektroskopische Charakterisierung von CF_3PbR_2H (R = CH_3, C_2H_5) sowie von CF_3Pb(II)-Derivaten *[Univ. Gesamthsch. Wuppertal, Wuppertal, Germany]*

Vol. 481 pp. 83–88 (1994)
TUNIK, S.P., KRYM, V.R., STAROVA, G.L., NIKOL'SKII, A.B., PODKORYTOV, I.S., OOI, S., YAMASAKI, M., SHIRO, M., Dark and photochemical reactions of $Co_3Rh(CO)_{12}$ with diphenylacetylene. Crystal and molecular structure of the $Co_3Rh(\mu_2\text{-}CO)_2(CO)_8(\mu_4,\eta^2\text{-}PhC_2Ph)$ cluster *[St. Petersburg State Univ., Dept. Chem., St. Petersburg, Russia; S.V. Lebedev Synthet. Rubber Res. Inst., St. Petersburg, Russia; Osaka City Univ., Fac. Sci., Dept. Chem., Osaka, Japan; Rigaku Corp., Tokyo, Japan]*

Vol. 481 pp. 89–95 (1994)
ÇETINKAYA, E., HITCHCOCK, P.B., KÜÇÜKBAY, H., LAPPERT, M.F., AL-JUAID, S.S., Carbene complexes. XXIV. Preparation and characterization of two enetetramine-derived carbenerhodium(I) chloride complexes $RhCl(L^R)_3$ and $[RhCl(COD)L^R]$ {L^R = dCN(Me)Cu(CH)$_4$CNMe-*o*} and the preparation and X-ray structures of the enetetr *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England; Inonu Univ., Malatya, Turkey]*

Vol. 481 pp. 97–108 (1994)
HERRMANN, W.A., BROSMER, C., PRIERMEIER, T., ÖFELE, K., Komplexchemie und Mechanismen metallkatalysierter C-C-Kupplungsreaktionen. II. Oxidative Addition von Chloraromaten an Pd^0-Komplexe: Synthese, Struktur und Stabilität von Arylpalladium(II)-chloriden der Phosphanreihe *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 481 pp. 109–123 (1994)
PAGEL, K., WERNER, A., FRIEDRICHSEN, W., Ferrocene und Ferrocenophane mit dipolaren Strukturelementen *[Christian Albrechts Univ. Kiel, Inst. Organ. Chem., Kiel, Germany]*

Vol. 481 pp. 125–135 (1994)
SÜSSMILCH, F., OLBRICH, F., REHDER, D., Reactions of hydridovanadium complexes: The formation of seven-coordinated σ-alkylvanadium(I) complexes by hydrovanadation of alkenes, and the molecular structure of *trans*-$[V(CO)_2(dppe)_2] \cdot 3C_6D_6$ *[Univ. Hamburg, Inst. Inorgan. & Appl. Chem., Hamburg, Germany]*

Vol. 481 pp. 137–142 (1994)
MITCHELL, T.N., KOWALL, B., A useful method in organotin chemistry: diimine hydrogenation of 1,2-bis(trimethylstannyl)-1-alkenes, 1-trimethylsilyl-2-trimethylstannyl-1-alkenes and some distannacyclopentenes *[Univ. Dortmund, Fachbereich Chem., Dortmund, Germany]*

Vol. 481 pp. 143–152 (1994)
WANG, J.-C., CHI, Y., PENG, S.-M., LEE, G.-H., SHYU, S.-G., TU, F.-H., Synthesis and properties of mixed-metal phosphido and phosphinidene clusters derived from reaction between $Ru_3(CO)_{10}(\mu\text{-}H)(\mu\text{-}PPh_2)$ and $Cp^*Mo(CO)_3H$ *[Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan; Natl. Taiwan Univ., Taipei, Taiwan; Acad. Sinica, Inst. Chem., Taipei, Taiwan]*

Vol. 481 pp. 153–165 (1994)
ELSCHENBROICH, CH., ISENBURG, T., METZ, B., BEHRENDT, A., HARMS, K., Metal π complexes of benzene derivatives. XLIII. Intramolecular interactions between bis(benzene)chromium and cymantrene units in di- and tri-nuclear species containing PMe_2 spacers, as studied by CV and EPR *[Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 481 pp. 167–172 (1994)
BACQUÉ, E., PILLOT, J.-P., BIROT, M., DUNOGUES, J., BOURGEOIS, G, PÉTRAUD, M., Synthesis and chemical properties of 1,3-dichloro-1,3-dihydridodisilazanes *[Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France; Univ. Bordeaux 1, Ctr. Etud. Struct. & Anal. Molec. Organ., Talence, France]*

Vol. 481 pp. 173–178 (1994)
VASAPOLLO, G., TONIOLO, L., CAVINATO, G., BIGOLI, F., LANFRANCHI, M., PELLINGHELLI, M.A., Bis(alkoxycarbonyl) complexes of platinum: preparation, reactivity and their role in carbonylation reactions *[Politecn. Bari, Inst. Chim., CNR, Ctr. Miso, Bari, Italy; Univ. Venezia, Ist. Chim. Gen., Venice, Italy; Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist. Diffrattometr., Parma, Italy]*

Vol. 481 pp. 179–181 (1994)
SUN, C.-H., SHANG, N.-C., LIOU, L.-S., WANG, J.-C., Novel coupling between tricarbonyl(7-azabenzonorbornadiene)iron complexes and cyclohexene to form stereospecifically a (C-5 substituted η^4-cyclohexadiene)Fe(CO)$_3$ moiety *[Soochow Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 481 pp. 183–188 (1994)
YEH, W.-Y., CHEN, S.-B., PENG, S.-M., LEE, G.-H., Ligand substitution reaction of (μ-H)Os$_3$(CO)$_{10}$(μ-COMe) with 1,1'-bis(diphenylphosphino)ferrocene *[Natl. Sun Yat Sen Univ., Dept. Chem., Kaohsiung, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 481 pp. 189–193 (1994)
HAHN, F.E., LÜGGER, T., Komplexe des 2-(Trimethylsiloxy)-phenylisocyanids als Vorstufen für die Darstellung von N,O-Heterocarben-Komplexen *[Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 481 pp. 195–204 (1994)
MINGHETTI, G., ZUCCA, A., STOCCORO, S., CINELLU, M.A., MANASSERO, M., SANSONI, M., Six-membered cyclometallated derivatives of platinum(II) derived from 2-benzylpyridines. Crystal structure and molecular structure of [Pt(L)(Ph$_3$P)Cl] (HL=2-(1-methylbenzyl)pyridine) *[Univ. Sassari, Dipartimento Chim., Sassari, Italy; Univ. Milan, CNR Ctr., Ist. Chim. Strutturist. Inorgan., Milan, Italy]*

Vol. 481 pp. 205–210 (1994)
DEOBALD, B., HAUSS, J., PRITZKOW, H., STEINER, D., BERNDT, A., SIEBERT, W., Synthese und Strukturen von Benzo-tetracarbahexaboran- und 1,3-Dihydro-1,3-diboranaphthalin-Metallkomplexen *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany; Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 481 pp. 211–216 (1994)
WANG, J.-T., YUAN, Y.-F., XU, Y.-M., ZHANG, Y.-W., WANG, R.-J., WANG, H.-G., Crystal and molecular-structure of *N*-(ferrocenylcarbonyl)-*N'*-naphthyl thiourea *[Nankai Univ., Dept. Chem., Tianjin, P.R. China; Nankai Univ., Cent. Lab., Tianjin, P.R. China]*

Vol. 481 pp. 217–225 (1994)
PORNET, J., AUBERT, P., RANDRIANOÉLINA, B., MIGINIAC, L., Synthèse et protodésilylation de silanes α-alléniques hétérocycliques *[Univ. Poitiers, CNRS, UA 574, Synthese Organ. Lab., Poitiers, France]*

Vol. 481 pp. 227–234 (1994)
HERRMANN, W.A., KÜHN, F.E., ROMAO, C.C., HUY, H.T., Multiple bonds between main-group elements and transition metals. CXXXI. Allyl, vinyl- and related rhenium(VII) trioxides: synthesis and degradation *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Inst. Tecnol. Quim. & Biol., Lisbon, Portugal; Inst. Super Tecn., Lisbon, Portugal]*

Vol. 481 pp. 235–242 (1994)
WU, Y.J., HUO, S.Q., ZHU, Y., YANG, L., Cyclometallation of ferrocenylimines. Part II. Studies on the cyclomercuration of [1-(arylimino)ethyl]ferrocenes and related structure-reactivity relationships *[Zhengzhou Univ., Dept. Chem., Zhengzhou, P.R. China; Lanzhou Univ., Natl. Lab. Appl. Organ. Chem., Lanzhou, P.R. China]*

Vol. 481 pp. 243–246 (1994)
BEGLEY, M.J., SOWERBY, D.B., VERMA, R.D., VIG, A., Structure of the silver imidodi(sulphuryl fluoride)-benzene solvate AgN(SO$_2$F)$_2$·C$_6$H$_6$ *[Univ. Nottingham, Dept. Chem., Nottingham, England; Punjabi Univ., Dept. Chem., Chandigarh, India]*

Vol. 481 pp. 247–252 (1994)
KORIDZE, A.A., ASTAKHOVA, N.M., PETROVSKII, P.V., DOLGUSHIN, F.M., YANOVSKY, A.I., STRUCHKOV, YU.T., Dimerization of trimethylsilylpropyne on a triosmium cluster. Formation, crystal structure and rearrangement of Os$_3$H[μ_3-C(SiMe$_3$)C(Me)CC(SiMe$_3$)CH$_2$](CO)$_8$ complex *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 481 pp. 253–258 (1994)
HERRMANN, W.A., THIEL, W.R., PRIERMEIER, T., HERDTWECK, E., Komplexchemie und Mechanismen metall-katalysierter CC-Kupplungsreaktionen. III. Phosphol-Komplexe des nullwertigen Palladiums *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 481 pp. 259–274 (1994)
POHL, D., ELLERMANN, J., KNOCH, F.A., MOLL, M., BAUER, W., Chemie polyfunktioneller Moleküle. CXIII. Komplexe des Dicobaltoctacarbonyls mit den Liganden Bis(diphenylphosphino)-amin und -amid *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Anorgan. Chem., Erlangen, Germany; Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Organ. Chem., Erlangen, Germany]*

Vol. 481 pp. 275–282 (1994)
SCHUMANN, H., WINTERFELD, J., GLANZ, M., KÖHN, R.D., HEMLING, H., Metallorganische Verbindungen der Lanthanoide. LXXXV. Synthese und Strukturaufklärung neuer Cyclooctatetraenyl-cyclopentadienyl-Sandwich-Komplexe der seltenen Erden *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 481 pp. 283–293 (1994)
COWIE, J., REID, B.D., WATMOUGH, J.M.S., WELCH, A.J., Steric effects in heteroboranes. Part 7. The synthesis and characterization of arene-ruthenium complexes of C-substituted carbaboranes. Molecular structures of 1-Ph-3-(mes)-3,1,2-*closo*-RuC$_2$B$_9$H$_{10}$ (mes=C$_6$H$_3$-1,3,5) and 1-Ph-2-Me-3-(*p*-cy *[Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland]*

Vol. 481 pp. C1–C3 (1994)
RUFANOV, K.A., CHURAKOV, A.V., KAZENNOVA, N.B., LEMENOVSKII, D.A., Synthesis of the novel bifunctional ligand, dicyclopentadienylsulfide (C$_5$H$_5$)$_2$S, and its dilithium salt *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 481 pp. C4–C7 (1994)
GRIDNEV, I., KANAI, G., MIYAURA, N., SUZUKI, A., Synthesis of

pinacol esters of 2,3-alkadienylboronic acid via the copper(I) mediated coupling reaction of Knochel's (dialkoxyboryl) methylzinc reagents with propargylic tosylates *[Hokkaido Univ., Fac. Engn., Dept. Appl. Chem., Sapporo, Hokkaido, Japan]*

Vol. 481 pp. C9–C11 (1994)
ADAMS, K.J., COWIE, J., HENDERSON, S.G.D., MCCORMICK, G.J., WELCH, A.J., Steric effects in heteroboranes. Part 8. Sterically-induced *Exo*-skeletal isomerization of di-copper carbametallaboranes: syntheses and crystal structures of $(Ph_3PCu)_2Ph_2C_2B_9H_9$... *[Heriot Watt Univ., Dept. Chem., Edinburgh, Midlothian, Scotland]*

Vol. 482 pp. 1–5 (1994)
POLAM, J.R., PORTER, L.C., Formation of stable cationic(cyclooctadiene)Rhodium(I) complexes containing thiophene ligands *[Univ. Texas, Dept. Chem., El Paso, TX, USA]*

Vol. 482 pp. 7–14 (1994)
OGASAWARA, M., SABURI, M., Effects of chelate ring rigidity on intramolecular hydrogen exchange in hydrido(dihydrogen)-bis(diphosphine)ruthenium(II) ions $[RuH(\eta^2\text{-}H_2)(\text{diphosphine})_2]^+$ (diphosphine = binap and dpbp) *[Univ. Tokyo, Fac. Engn., Dept. Ind. Chem., Tokyo, Japan]*

Vol. 482 pp. 15–29 (1994)
STOR, G.J., VAN DER VIS, M., STUFKENS, D.J., OSKAM, A., FRAANJE, J., GOUBITZ, K., Coordination of the potentially tridentate ligands 2,6-diacetylpyridine-bis(anil) (dapa) and 2-(2-(2'-methylidenepyridyl)aminoethyl)pyridine (map) in the complexes *fac*-$BrMn(CO)_3L$, *fac*-$(CO)_5MM'(CO)_3L$ (M, M' = Mn, Re; L = dapa, map) and their photo *[Univ. Amsterdam, Anorgan. Chem. Lab., Amsterdam, Netherlands; Univ. Amsterdam, Kristallog. Lab., Amsterdam, Netherlands]*

Vol. 482 pp. 31–38 (1994)
CARPENTIER, J.-F., CASTANET, Y., MORTREUX, A., PETIT, F., Mechanistic investigations of palladium-catalyzed single and double carbonylation of aryl and vinyl halides by methyl formate *[Ecole Natl. Super Chim. Lille, CNRS, Chim. Organ. Appl. Lab., Villeneuve d'Ascq, France]*

Vol. 482 pp. 39–44 (1994)
XIE, S.F., GEORGIEV, E.M., ROUNDHILL, D.M., TROEV, K., Hydrogenolysis of carbon–chlorine bonds in carbon tetrachloride and trichlorofluoromethane in the presence of catalytic quantities of tris(triphenylphosphine) ruthenium(II) dichloride *[Tulane Univ., Dept. Chem., New Orleans, LA, USA; Bulgarian Acad. Sci., Inst. Polymers, Sofia, Bulgaria]*

Vol. 482 pp. 45–51 (1994)
MONTEIL, F., KALCK, P., Carbonylation of bromobenzene in a biphasic medium catalyzed by water-soluble palladium complexes derived from tris(3-sulphophenyl)phosphine *[Ecole Natl. Super Chim. Toulouse, Chim. Proc. Lab., Toulouse, France]*

Vol. 482 pp. 53–62 (1994)
CIRIANO, M.A., PÉREZ-TORRENTE, J.J., LAHOZ, F.J., ORO, L.A., Bimetallic reactivity: unusual change in the coordination mode of the bridging ligands arising from an oxidative addition process *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain]*

Vol. 482 pp. 63–66 (1994)
KELLER, H., DARAN, J.C., LANG, H., Synthesis and coordination chemistry of tellurium alkynes *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 482 pp. 67–71 (1994)
LU, K.-L., LIU, L.-K., SU, C.-J., GAU, H.-M., WANG, Y., LEE, G.-H., Crystallographic disorder of carbonyl, propyl isocyanide and acetonitrile groups in the structures of $Os_3(CO)_{10}(CNR)(NCMe)$ *[Acad. Sinica, Inst. Chem., Taipei, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan; Natl. Chung-Hsing Univ., Dept. Chem., Taichung, Taiwan]*

Vol. 482 pp. 73–79 (1994)
GEVORGYAN, V., BORISOVA, L., VJATER, A., POPELIS, J., BELYAKOV, S., LUKEVICS, E., Synthesis and structure of silylmethylsilatranes $RR'R''SiCH_2.Si(OCH_2CH_2)_3N$ *[Latvian Inst. Organ. Synth., Riga, Latvia]*

Vol. 482 pp. 81–84 (1994)
HECK, J., KRIEBISCH, K.-A., MASSA, W., WOCADLO, S., Kooperative Wirkung in π-Ligand-verbrückten Zweikernkomplexen. XIV. $[\{CpM(CO_2)\}_2\mu\text{-}(\eta^{1:1}\text{-}Et_2NC{\equiv}CNEt_2)]$ (M = Mo,W), ein zweikerniger Bis(Fischer-Carben)-Komplex mit einem 1,2-Dimetallavierring als zentralem Baustein *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany; Catholic Univ. Nijmegen, Vakgrp. Anorgan. & Algemene Chem., Nijmegen, Netherlands; Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 482 pp. 85–91 (1994)
TILLACK, A., MICHALIK, M., FENSKE, D., GOESMANN, H., Asymmetrische Katalyse. IV. Hydrosilylierung von Acetophenon mit Pyrrolin-2,5-dion/-modifizierten $[Rh(COD)Cl]_2$-Katalysatoren *[Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany; Univ. Rostock, Inst. Organ. Katalyseforsch., Rostock, Germany; Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany]*

Vol. 482 pp. 93–98 (1994)
ANTIÑOLO, A., CARRILLO, F., FAJARDO, M., GARCIA-YUSTE, S., OTERO, A., Studies of the reactivity towards insertion and electrophilic processes of Nb-H and $Nb(\eta^2\text{-}CS_2)$ moieties of bis(trimethylsilylcyclopentadienyl)niobium complexes *[Univ. Castilla La Mancha, Fac. Quim., Dept. Quim. Inorgan. Organ. & Bioquim., Ciudad Real, Spain; Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

Vol. 482 pp. 99–109 (1994)
VAN WIJNKOOP, M., SIEBENLIST, R., ERNSTING, J.M., DE LANGE, P.P.M., FRÜHAUF, H.-W., HORN, E., SPEK, A.L., 1,3-Dipolar cycloaddition to the C=X-M fragment. XIII. Regioselectivity in the reactions of mononuclear iminoketone complexes $Fe(CO)_3(^tBu\text{-}N{=}C(H)\text{-}C(R){=}O)$ (R = Ph, Me) with the asymmetric alkyne methyl propynoate *[Univ. Amsterdam, J.H. Van't Hoff Res. Inst., Inorgan. Chem. Lab., Amsterdam, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 482 pp. 111–118 (1994)
DIAS, P.B., TEIXEIRA, C., DIAS, A.R., DE ALENCAR SIMONI, J., SIMOES, J.A.MARTINHO, Photomicrocalorimetry: photosubstitution of carbonyl by phosphites in $[Mn(\eta^5\text{-}C_5H_4CH_3)(CO)_3]$ *[Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; Univ. Estadual Campinas, Inst. Quim., Campinas, SP, Brazil; Univ. Lisbon, Fac. Ciencias, Dept. Quim., Lisbon, Portugal]*

Vol. 482 pp. 119–123 (1994)
LE BOISSELIER, V., DUNACH, E., POSTEL, M., Bismuth(III)-catalyzed oxidative cleavage of aryl epoxides: substituent effects on the kinetics of the oxidation reaction *[Univ. Nice, Fac. Sci., CNRS, URA 426, Chim. Molec. Lab., Nice, France]*

Vol. 482 pp. 125–130 (1994)
BAUDRY, D., NIEF, F., RICARD, L., 2,4-Dimethylpentadienyl complexes of neodymium, samarium and ytterbium *[Ecole Polytech., CNRS, URA 1499, Heteroelements & Coordinat. Lab., Palaiseau, France; CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Chim. Uranium Lab., CNRS, URA 331, Gif sur Yvette, France]*

Vol. 482 pp. 131–138 (1994)
TSUMURAYA, T., KABE, Y., ANDO, W., Cyclotrigermanes. Synthesis and thermal decomposition *[Univ. Tsukuba, Dept. Chem., Tsukuba, Ibaraki, Japan]*

Vol. 482 pp. 139–145 (1994)
FAULKNER, C.W., INGHAM, S.L., KHAN, M.S., LEWIS, J., LONG, N.J., RAITHBY, P.R., Ruthenium(II) σ-acetylide complexes; monomers, dimers and polymers *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 482 pp. 147–150 (1994)
BRAVO, J., CORDERO, M.B., CASAS, J.S., SÁNCHEZ, A., SORDO, J., CASTELLANO, E.E., ZUKERMAN-SCHPECTOR, J., Crystal structure of triphenyl(5-mercapto-1-phenyl-1,2,3,4-tetrazolato)tin(IV) *[Univ. Santiago de Compostela, Dept. Quim. Inorgan., Santiago, Spain; Univ. Vigo, Dept. Quim. Pura & Aplicada, Vigo, Spain; Univ. Sao Paulo, Inst. Fis. & Quim., Sao Carlos, SP, Brazil]*

Vol. 482 pp. 151–167 (1994)
KARSCH, H.H., FERAZIN, G., KOOIJMAN, H., STEIGELMANN, O., SCHIER, A., BISSINGER, P., HILLER, W., Phosphinomethanid-Komplexe der Lanthanoide *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 482 pp. 169–181 (1994)
HERRMANN, W.A., MORAWIETZ, M.J.A., Synthesis and characterization of bridged half-sandwich amides of titanium and zirconium *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 482 pp. 183–185 (1994)
MÖRTL, M., KNAUSZ, D., KOLOS, ZS., SZAKÁCS, L., CSÁKVÁRI, B., Synthesis and reactions of silylcarbamates with bulky substituents *[Loránd Eötvös Univ., Dept. Gen. & Inorgan. Chem., Budapest, Hungary]*

Vol. 482 pp. 187–190 (1994)
NIKONOV, G.I., PUTALA, M., KAZENNOVA, N.B., LEMENOVSKII, D.A., BATSANOV, A.S., STRUCHKOV, YU.T., Is electrophilic substitution possible in the coordinated cyclopentadienyl ligand of early transition metal metallocene complexes? Molecular structure of binuclear nitrene niobocene complex $[(C_5H_4C(COOEt)=N\text{-}\mu\text{-}N)\text{-}(C_5H_5)Nb]_2$ *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 482 pp. 191–199 (1994)
MARKIES, B.A., CANTY, A.J., DE GRAAF, W., BOERSMA, J., JANSSEN, M.D., HOGERHEIDE, M.P., SMEETS, W.J.J., SPEK, A.L., VAN KOTEN, G., Synthesis and structural studies of phenyl(iodo)- and methyl(phenyl)palladium(II) complexes of bidentate nitrogen donor ligands *[Univ. Utrecht, Debye Inst., Dept. Met. Mediated Synth., Utrecht, Netherlands; Univ. Tasmania, Dept. Chem., Hobart, TAS, Australia; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 482 pp. 201–206 (1994)
STADELMANN, B., LASSACHER, P., STÜGER, H., HENGGE, E., Oligosilane mit Fe- oder Mo-Komplexsubstituenten *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 482 pp. 207–220 (1994)
SHAW, K.F., REID, B.D., WELCH, A.J., Synthesis and characterization of metal complexes of ether carbaboranes. Molecular structures of d^6 ML_3, d^8 ML_2 and d^{10} ML complexes of mono- and di-ether C_2B_9 carbaborane ligands, showing the progressive importance of secondary M... *[Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland]*

Vol. 482 pp. 221–226 (1994)
COX, P.J., WARDELL, J.L., Structures of 4-tolyl-2-(triphenylstannyl)ethyl sulphone and 4-tolyl 4-(triphenylstannyl)butyl sulphone *[Robert Gordon Univ., Sch. Pharm., Aberdeen, Scotland; Univ. Aberdeen, Dept. Chem., Aberdeen, Scotland]*

Vol. 482 pp. 227–230 (1994)
CAMERON, M., GOWENLOCK, B.G., PARISH, R.V., VASAPOLLO, G., Solid state studies of some nitrosoaromatic iron carbonyls *[Heriot Watt Univ., Dept. Chem., Edinburgh, Midlothian, Scotland; Univ. Manchester, Inst. Sci. & Technol., Dept. Chem., Manchester, Lancs, England; Politecn. Bari, Inst. Chim., CNR, Ctr. Miso, Bari, Italy]*

Vol. 482 pp. 231–241 (1994)
SCHMID, G., THEWALT, U., POLÁSEK, M., MACH, K., SEDMERA, P., η^5-Pentabenzylcyclopentadienyl derivatives of titanium(IV), (III), and (II). The crystal structure of $(\eta^5\text{-}C_5H_5)(\eta^5\text{-}C_5Bz_5)TiCl_2$ (Bz=benzyl), $(\eta^5\text{-}C_5H_5)(\eta^5\text{-}C_5Bz_5)TiCl$, and $(\eta^5\text{-}C_5H_5)(\eta^5\text{-}C_5Bz_5)Ti$ *[Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany; Acad. Sci. Czech Rep., J. Heyrovsky Inst. Phys. Chem. & Electrochem., Prague, Czech Rep.; Acad. Sci. Czech Rep., Inst. Microbiol., Prague, Czech Rep.]*

Vol. 482 pp. 243–251 (1994)
WADEPOHL, H., ELLIOTT, G.P., PRITZKOW, H., STONE, F.G.A., WOLF, A., Hydroboration of carbon–tungsten triple bonds: crystal structures of the η^3-benzyl complexes $(\eta\text{-}C_5H_5)(CO)_2W\{\eta_3\text{-}CH[B(C_2H_5)_2]C_6H_4\text{-}Me\text{-}4\}$ and $(\eta\text{-}C_5Me_5)(CO)_2W(\eta^3\text{-}CH[B(C_2H_5)_2]C_6H_4Me\text{-}4\}$ *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany; Univ. Bristol, Sch. Chem., Bristol, Avon, England; Baylor Univ., Dept. Chem., Waco, TX, USA]*

Vol. 482 pp. 253–259 (1994)
SILVESTRU, A., HAIDUC, I., EBERT, K.H., BREUNIG, H.J., SOWERBY, D.B., New aryltellurium(II) diorganophosphinodithioates. Crystal structure of red (294-K) and yellow (173-K) $^1{}_\infty[PhTeS(S)PPh_2]$, a supramolecular polymer displaying an unusual coordination pattern of the phosphinodithioato ligand *[Univ. Babes-Bolyai, Fac. Chim., Cluj-Napoca, Romania; Univ. Nottingham, Dept. Chem., Nottingham, England; Univ. Bremen, Bremen, Germany]*

Vol. 482 pp. 261–269 (1994)
BURRELL, A.K., CLARK, G.R., RICKARD, C.E.F., ROPER, W.R., Tetrafluoroethyl complexes of iridium(III) derived from a tetrafluoroethylene complex of iridium(I). A study of α-fluoride abstraction and determination of the structure of $IrCl_2(CF_2CF_2Cl)(CO)(PPh_3)_2$ *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 482 pp. 271–277 (1994)
BURRELL, A.K., CLARK, G.R., RICKARD, C.E.F., ROPER, W.R., WARE, D.C., Reactions of coordinated tetrafluoroethylene with halogens. Synthesis of σ-bonded halotetrafluoroethyl complexes of ruthenium(II) and osmium(II) and the structure of $OsI(C_2F_4I)(CO)_2(PPh_3)_2$ *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 482 pp. 279-283 (1994)
KAKKONEN, H.J., AHLGRÉN, M., PAKKANEN, T.A., PURSIAINEN, J., Synthesis and structural characterization of $[N(PPh_3)_2][H_2Ru_3Rh(CO)_{12}]$ *[Univ. Joensuu, Dept. Chem., Joensuu, Finland]*

Vol. 482 pp. 285-292 (1994)
BODE, K., DROST, C., JÄGER, C., KLINGEBIEL, U., NOLTEMEYER, M., ZAK, Z., Lithium-bis(silyl)hydrazide, Tris(silyl)hydrazine und 1,2-Diaza-3,5-disilacyclopentane *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany; Masaryk Univ., Dept. Inorgan. Chem., Brno, Czech Rep.]*

Vol. 482 pp. 293-300 (1994)
STEWART, S.K., WHITING, A., Synthesis of *trans*-arylvinylboronates via a palladium catalyzed cross-coupling of a vinylboronate ester with aryl halides *[Univ. Manchester, Inst. Sci. & Technol., Dept. Chem., Manchester, Lancs, England]*

Vol. 482 pp. 301-308 (1994)
BROWN, D.A., EL-GAMATI, I., GLASS, W.K., KREDDAN, K., Synthesis of diphosphine-linked binuclear metal-ring carbonyl complexes *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland]*

Vol. 483 pp. 1-5 (1994)
SHAVER, A., HYNES, R.C., TROJANSEK, D., The preparation of the mixed thiolato-isocyanide complexes *cis*- and *trans*-$(\eta^5\text{-}C_5H_5)W(CO)_2(SR)(CNR')$: the structure of *trans*-$(\eta^5\text{-}C_5H_5)W(CO)_2(S\text{-}4\text{-}C_6H_4Me)(CNCMe_3)$ *[McGill Univ., Dept. Chem., Montreal, PQ, Canada]*

Vol. 483 pp. 7-15 (1994)
YANG, K.Y., BOTT, S.G., RICHMOND, M.G., Synthesis, X-ray crystal structure, and redox properties of CpRu(NO)(mnt) *[Univ. North Texas, Dept. Chem., Ctr. Organomet. Res. & Educ., Denton, TX, USA]*

Vol. 483 pp. 17-20 (1994)
FANG, Z.-G., LOW, P.M.N., NG, S.-C., HOR, T.S.A., Synthesis of $M^0(\eta^2\text{-dppf})_2$ (M = Pd, Pt, dppf = $Fe(C_5H_4PPh_2)_2$) and their reactions with $Fe_3(\mu_3\text{-}S)_2(CO)_9$ and elemental sulfur *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore]*

Vol. 483 pp. 21-25 (1994)
EVANS, W.J., RABE, G.W., ZILLER, J.W., Synthesis and structure of $[(C_5Me_5)_2Sm(THF)]_2(\mu\text{-}\eta^1\text{:}\eta^1\text{-}C_2)$ *[Univ. Calif. Irvine, Dept. Chem., Irvine, CA, USA]*

Vol. 483 pp. 27-31 (1994)
REES, W.S. (JR.), LAY, U.W., DIPPEL, K.A., Ether- and amine-substituted cyclopentadienes as ligands in organometallic compounds: examples for iron and barium *[Florida State Univ., Dept. Chem., Tallahassee, FL, USA; Florida State Univ., Ctr. Mat. Res. & Technol., Tallahassee, FL, USA; Georgia Inst. Technol., Sch. Mat. Sci. & Engn., Atlanta, GA, USA; Georgia Inst. Technol., Sch. Chem. & Biochem., Atlanta, GA, USA]*

Vol. 483 pp. 33-38 (1994)
HENDAN, B.J., MARSMANN, H.C., Semipräparative Trennung gemischt substituierter Octa-(organylsilsesquioxane) mittels Normal-Phase-HPLC und ihre ^{29}Si NMR-spektroskopische Untersuchung *[Univ. Gesamthsch. Paderborn, Fachbereich Chem. & Chem. Tech., Paderborn, Germany]*

Vol. 483 pp. 39-45 (1994)
EVANS, W.J., RABE, G.W., ZILLER, J.W., Synthesis and X-ray crystal structure of nitrogen base adducts of decamethylsamarocene: $(C_5Me_5)_2Sm(NH_2CMe_3)$ and $(C_5Me_5)_2Sm(N\text{-MeIm})_2$ *[Univ. Calif. Irvine, Dept. Chem., Irvine, CA, USA]*

Vol. 483 pp. 47-56 (1994)
CHALLET, S., KUBICKI, K.M., LEBLANC, J.-C., MOISE, C., NUBER, B., Oxo and thiophosphoramides of niobocene or tantalocene as organometallic ligands: synthesis of heterobimetallic complexes $[Cp_2M(CO)(\mu, \eta^1\text{:}\eta^1\text{-}PR_2X)M'L_n]$, (M = Nb or Ta; X = O or S; M' = Cr, Mo, W, Mn, Fe or Sn) *[Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France; Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 483 pp. 57-60 (1994)
ZHANG, S.B., JIN, J.H., WEI, G.C., CHEN, W.Q., LIU, J.Z., Syntheses and molecular structure of $(C_8H_8)Ln(2,4\text{-}C_7H_{11})\cdot THF$ (Ln = Nd, Er) *[Acad. Sinica, Changchun Inst. Appl. Chem., Changchun, P.R. China; Jilin Univ., Dept. Chem., Changchun, P.R. China]*

Vol. 483 pp. 61-71 (1994)
BOSQUE, R., LÓPEZ, C., SALES, J., SOLANS, X., Schiff bases derived from benzoylferrocene and their cyclopalladated derivatives. X-Ray crystal structure of $(Pd\{(\eta^5\text{-}C_5H_5)Fe[(\eta^5\text{-}C_5H_3)\text{-}C(C_6H_5)\text{=}N\text{-}C_6H_5]\}Cl(PPh_3))$ *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Barcelona, Dept. Cristallog. Mineral & Diposits Minerals, Barcelona, Spain]*

Vol. 483 pp. 73-76 (1994)
BERGWALL, C., PARSONS, E.J., Hydrogen elimination in the thermal decomposition of iridium-*n*-alkyl complexes *[Clemson Univ., Dept. Chem., Clemson, SC, USA]*

Vol. 483 pp. 77-89 (1994)
GATTI, G., LÓPEZ, J.A., MEALLI, C., MUSCO, A., Structural and NMR spectroscopic characterization of η^3-Benzyl palladium(II) complexes *[Univ. Urbino, Ist. Sci. Chim., Urbino, Italy; CNR, Ist. Studio Stereochim. & Energet. Composti Coord., Florence, Italy]*

Vol. 483 pp. 91-97 (1994)
WANG, T.-F., LEE, M.-C., WEN, Y.-S., Nucleophilic reactions of $(\eta^5\text{-}C_5H_5)Mo(CO)_2(\eta^3C_6H_7)$ *[Acad. Sinica, Inst. Chem., Taipei, Taiwan]*

Vol. 483 pp. 99-106 (1994)
SPENCER, M.D., GIROLAMI, G.S., Synthesis and characterization of new titanium(II) carbonyls of stoichiometry $TiX_2(CO)_2(dmpe)_2$: An NMR study *[Univ. Illinois, Sch. Chem. Sci., Urbana, IL, USA]*

Vol. 483 pp. 107-113 (1994)
WU, Z.Z., XU, Z., YOU, X.Z., ZHOU, X.G., HUANG, X.Y., Dehydrogenation of organolanthanide alkoxides and X-ray crystal structures of the reaction product $[\{(C_5H_5)_2Ln(\mu\text{-}O(Me)C\text{=}CHCH_3)\}_2]$ (Ln = Dy, Yb) *[Nanjing Univ., Inst. Coordinat. Chem., Nanjing, P.R. China; Anhui Normal Univ., Inst. Organ. Chem., Wuhu, P.R. China; Natl. Key Lab. Struct. Chem., Fuzhou, P.R. China; Nanjing Univ., Inst. Coordinat Chem., Coordinat Chem. State Key Lab., Nanjing, P.R. China]*

Vol. 483 pp. 115-122 (1994)
LEE, S.S., JEONG, E.H., CHUNG, Y.K., Synthesis and electrophilic reactivity of $[\{\eta^5\text{-}1\text{-}M(CH_2CH_2O)_3Si\text{-}6\text{-}Me\text{-}C_6H_5\}\text{-}Mn(CO)_2NO]BF_4$ *[Seoul Natl. Univ., Coll. Nat. Sci., Dept. Chem., Seoul, South Korea]*

Vol. 483 pp. 123-137 (1994)
PETTINARI, C., MARCHETTI, F., LEONESI, D., ROSSI, M., CARUSO, F., Synthesis, characterization and spectroscopic investigations of tin(IV) and organotin(IV) derivatives of 4-aroyl-

5-pyrazolones. Crystal structure of *trans*-dimethylbis(1-phenyl-3-methyl-4-(4-bromobenzoyl)-pyrazolon-5-ato)tin(IV) *[Univ. Camerino, Dipartimento Sci. Chim., Camerino, Italy; CNR, Ist. Strutturist. Chim. G. Giacomello, Monterotondo, Italy; Vassar Coll., Dept. Chem., Poughkeepsie, NY, USA]*

Vol. 483 pp. 139–146 (1994)
HUO, S.Q., WU, Y.J., DU, C.X., ZHU, Y., YUAN, H.Z., MAO, X.A., Synthesis, characterization and structure of cyclopalladated ferrocenylketimines *[Zhengzhou Univ., Dept. Chem., Zhengzhou, P.R. China; Lanzhou Univ., Natl. Lab. Appl. Organ. Chem., Lanzhou, P.R. China; Chinese Acad. Sci., Wuhan Inst. Phys., Magnet Resonance & Atom & Molec. Phys. Lab., Wuhan, P.R. China]*

Vol. 483 pp. 147–151 (1994)
PAIARO, G., PANDOLFO, L., MORANDINI, F., FIORETTO, S.D., Stereochemical pattern of phosphine oxidation by a peroxometallacyclic platinum complex. Evidence of an intramolecular process *[Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy; Univ. Padua, Dipartimento Chim. Organ., CNR, Ctr. Studio Biopolimeri, Padua, Italy]*

Vol. 483 pp. 153–157 (1994)
TEIXIDOR, F., AYLLÓN, J.A., VIÑAS, C., KIVEKÄS, R., SILLANPÄÄ, R., CASABÓ, J., Mercury coordination to Exo-dithio-7,8-dicarba-*nido*-undecaborate derivatives *[Univ. Autonoma Barcelona, CSIC, Inst. Ciencia Mat., Barcelona, Spain; Univ. Helsinki, Dept. Chem., Helsinki, Finland; Univ. Autonoma Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Turku, Dept. Chem., Turku, Finland]*

Vol. 483 pp. 159–166 (1994)
MÖHRING, P.C., VLACHAKIS, N., GRIMMER, N.E., COVILLE, N.J., The influence of steric and electronic effects of substituents on the cyclopentadienyl ring on the behaviour of $(CpR)_2TiCl_2$ and $(CpR)CpTiCl_2/Et_3Al_2Cl_3$ catalysts in polymerization of ethene *[Univ. Witwatersrand, Dept. Chem., Ctr. Appl. Chem. & Chem. Technol., Johannesburg, South Africa]*

Vol. 483 pp. 167–172 (1994)
BREUNIG, H.J., EBERT, K.H., KALLER, R., MOURAD, Y., ATMANI, A., MUGNIER, Y., Redox behaviour and reactions of $(PhCH_2)_3Sb$; syntheses and structures of $[(PhCH_2)_3SbMe]I$ and $[(PhCH_2)_3SbMe]_3Sb_3I_{12}$ *[Univ. Bremen, Bremen, Germany; Fac. Sci. Atlas Fes, Dept. Chim., Atlas Fe, Morocco; Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France]*

Vol. 483 pp. 173–181 (1994)
ERKER, G., MOLLENKOPF, C., Group-4 metallocene complexes bearing cholestanol-derived substituents at the Cp-rings – their synthesis and use in propene polymerization catalysis *[Univ. Münster, Inst. Organ. Chem., Münster, Germany]*

Vol. 483 pp. 183–186 (1994)
HABEL, W., HAEUSLER, W., SARTORI, P., Synthese und Charakterisierung von Poly(dichlorosilylen-co-dichloromethylen) und Poly(dimethylsilylen-co-2,2-propylen) *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany]*

Vol. 483 pp. 187–192 (1994)
CRESPO, M., SOLANS, X., FONT-BARDÍA, M., Cyclometallated platinum(II) and platinum(IV) compounds of *N*-benzylidene-2-chlorobenzylamine. Crystal structure of $[PtMe(PPh_3)(C_6H_4CH{=}NCH_2C_6H_4Cl\text{-}2)]$ *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Barcelona, Dept. Cristallog. Mineral & Diposits Minerals, Barcelona, Spain]*

Vol. 483 pp. 193–204 (1994)
KANELLAKOPULOS, B., VON AMMON, R., APOSTOLIDIS, C., DORNBERGER, E., MAIER, R., MÜLLER, J., ZHANG, X., Molekülstruktur und Ladungsverteilung in metallorganischen Verbindungen der f-Elemente VII. Synthese und Untersuchungen von 1:1-Addukten zwischen Tris(cyclopentadienyl)Lanthanoid-(III)-Verbindungen und Triethylphosphat *[Kernforschungszentrum Karlsruhe Gmbh, Inst. Heisse Chem., Karlsruhe, Germany; Commiss. European Communities, Joint Res. Ctr., Inst. Transuranium Elements, Karlsruhe, Germany; Inst. Atom Energy, Beijing, P.R. China]*

Vol. 483 pp. 205–212 (1994)
PLANINC, P., MEIDER, H., MATKOVIC-CALOGOVIC, D., Synthesis, characterization and crystal structures of $[Mo(CO)_5]_4TPTA$ and $[W(CO)_5]_4TPTA$ (TPTA = 1,4,8,11-tetrakis(methyldiphenyl-phosphino)-1,4,8,11-tetraazacyclotetradecane) *[Rudjer Boskovic Inst., Dept. Phys. Chem., Zagreb, Croatia; Univ. Zagreb, Fac. Sci., Gen. & Inorgan. Chem. Lab., Zagreb, Croatia]*

Vol. 483 pp. 213–216 (1994)
VALK, J.-M., BOERSMA, J., VAN KOTEN, G., Selective intramolecular cleavage of the carbon–silicon bond by palladium salts *[Univ. Utrecht, Debye Inst., Dept. Met. Mediated Synth., Utrecht, Netherlands]*

Vol. 483 pp. 217–228 (1994)
HUPPMANN, F., NOLTEMEYER, M., MELLER, A., Reaktionen subvalenter Verbindungen des Siliciums mit alkylierten Aromaten *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 483 pp. 229–233 (1994)
LI, X.-W., LORBERTH, J., HARMS, K., Asymmetric diarsines: Synthesis of dimeric pentamethylcyclopentadienylchloroarsine, dimeric pentamethylcyclopentadienyl(methyl) arsine and the crystal structure of dimeric pentamethylcyclopentadienyl(methyl) arsine *[Philipps Univ., Fachbereich Chem., Marburg, Germany]*

Vol. 483 pp. C1–C5 (1994)
BROCARD, J., PÉLINSKI, L., MACIEJEWSKI, L., NAILI, S., BRICOUT, H., MORTREUX, A., PETIT, F., Highly regio- and stereo-controlled hydroformylation of *ortho*-substituted (η^6-styrene) chromium complexes *[Ecole Natl. Super Chim. Lille, CNRS, Chim. Organ. Appl. Lab., Villeneuve d'Ascq, France]*

Vol. 484 pp. 1–8 (1994)
VICHARD, D., GRUSELLE, M., JAOUEN, G., NEFEDOVA, M.N., MAMEDYAROVA, I.A., SOKOLOV, V.I., VAISSERMANN, J., Synthesis, X-ray structure and chemical properties of 17-α-ferrocenylestradiol *[Ecole Natl. Super Chim., Chim. Organomet. Lab., Paris, France; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 484 pp. 9–12 (1994)
GAUMONT, A.-C., BOURUMEAU, K., DENIS, J.-M., GUENOT, P., Boron- and phosporus-containing heterocycles: first evidence of a transient cyclic phosphaborolane with P–H and B–H bonds *[Univ. Rennes 1, Physicochim. Struct. Lab., Rennes, France; Univ. Rennes 1, Ctr. Reg. Mesures Phys. Ouest, Rennes, France]*

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MAURO, A.E., DE LUCCA NETO, V.A., ZAMIAN, J.R., SANTOS, R.H. DE ALMEIDA, GAMBARDELLA, M.T.DO PRADO, LECHAT, J.R., RECHENBERG, H.R., Reactions of mercuric acetate with pentacarbonyliron in alcohols. Crystal and molecular structures of $Hg[Fe(COOR)(CO)_4]_2$ ($R = CH_3$, C_2H_5) *[UNESP, Inst. Quim. Araraquara, Araraquara, SP, Brazil; Univ. Sao*

Paulo, Inst. Fis. & Quim., Sao Carlos, SP, Brazil; Univ. Sao Paulo, Inst. Fis., Sao Paulo, SP, Brazil]

Vol. 484 pp. 19–26 (1994)
ALONSO, M.T., JUANES, O., DE MENDOZA, J., RODRÍGUEZ-UBIS, J.C., Cyclometallated compounds of Pd(II) with pyrazole derivatives. Unusual double palladation of diarylbis(*N*-pyrazolyl)-methanes *[Univ. Autonoma Madrid, Dept. Quim., Madrid, Spain]*

Vol. 484 pp. 27–31 (1994)
VILLEMIN, D., MARTIN, B., PUCIOVA, M., TOMA, S., Dry synthesis under microwave irradiation: synthesis of ferrocenylenones *[Ecole Natl. Super Ingenieurs Caen, ISMRA, CNRS, UA 480, Caen, France; Comenius Univ. Bratislava, Fac. Sci., Dept. Organ. Chem., Bratislava, Slovakia]*

Vol. 484 pp. 33–36 (1994)
CEA-OLIVARES, R., JIMÉNEZ-SANDOVAL, O., ESPINOSA-PÉREZ, G., SILVESTRU, C., Crystal and molecular structure of 1-phenyl-1*H*-tetrazole-5-thiolato-trimethyltin(IV), Me_3SnSCN_4Ph, exhibiting unusual trimeric associations through intermolecular N→Sn bonds *[Univ. Nacl. Autonoma México, Inst. Quim., Mexico City, DF, Mexico]*

Vol. 484 pp. 37–46 (1994)
CAMPELLO, M.P.C., DOMINGOS, A., SANTOS, I., Uranium complexes with hydrotris(pyrazolyl) borate *[ICEN, LNETI, Dept. Quim., Sacavém, Portugal]*

Vol. 484 pp. 47–51 (1994)
KIM, J.S., BESSIRE, A.J., BARTSCH, R.A., HOLWERDA, R.A., CZECH, B.P., Redox reactivity of azathiaferrocenophane complexes with copper(II) and palladium(II) *[Texas Tech. Univ., Dept. Chem. & Biochem., Lubbock, TX, USA; Miles Inc., Tarrytown, NY, USA]*

Vol. 484 pp. 53–57 (1994)
RASHIDI, M., SHAHABADI, N., ESMAEILBEIG, A.R., JOSHAGHANI, M., PUDDEPHATT, R.J., Selectivity in reactions of a dimethylplatinacyclopentane complex *[Shiraz Univ., Dept. Chem., Shiraz, Iran; Univ. Western Ontario, Dept. Chem., London, ONT, Canada]*

Vol. 484 pp. 59–65 (1994)
SHI, S., ZENG, H.C., Kinetics of chain reactions between organochromium macrocyclic complexes and iodine *[Natl. Univ. Singapore, Opt. Crystal Lab., Singapore, Singapore; Natl. Univ. Singapore, Dept. Chem. Engn., Singapore, Singapore]*

Vol. 484 pp. 67–70 (1994)
ZANELLO, P., OPROMOLLA, G., HERBERHOLD, M., BRENDEL, H.-D., Redox behaviour of ferrocene derivatives. VII. Chalcogen-bridged tri- and tetra-nuclear ferrocenes *[Univ. Siena, Dipartimento Chim., Siena, Italy; Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 484 pp. 71–80 (1994)
ARENA, C.G., CIANI, G., DROMMI, D., FARAONE, F., PROSERPIO, D.M., ROTONDO, E., Site selectivity in carbon monoxide insertion into a Pt–C σ-bond of the binuclear complex $[(CH_3)ClPt(\mu\text{-}Cl)(\mu\text{-}Ph_2PPy)Pt(CH_3)(DMSO)]DMSO$. Structural characterization of the derivatives $[(CH_3CO)ClPt(\mu\text{-}Cl)(\mu\text{-}Ph_2PPy)Pt(CH_3)(DMSO)]$ *[Univ. Messina, Dipartimento Chim. Inorgan. Analit. & Struttura Molec., Messina, Italy; Univ. Milan, CNR Ctr., Ist. Chim. Strutturist. Inorgan., Milan, Italy]*

Vol. 484 pp. 81–87 (1994)
ROSENTHAL, U., NAUCK, C., ARNDT, P., PULST, S., BAUMANN, W., BURLAKOV, V.V., GÖRLS, H., Darstellung und Eigenschaften des Komplexes (dipy)Ni(η^2-PhC_2SiMe_3). Zur Korrelation struktureller Bindungsparameter mit IR- und NMR-spektroskopischen Daten in Übergangsmetall-Alkin-Komplexen *[Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany]*

Vol. 484 pp. 89–91 (1994)
LETULLE, M., SYSTERMANS, A., RIPOLL, J.-L., GUENOT, P., The generation of 1,1-dimethylsilanimine by flash vacuum thermolysis *[Univ. Caen, ISMRA, CNRS, Chim. Composes Thio Organ. Lab., Caen, France; Univ. Rennes 1, Ctr. Reg. Mesures Phys. Ouest, Rennes, France]*

Vol. 484 pp. 93–96 (1994)
SRIVASTAVA, V., BATHEJA, R., SINGH, A.K., Synthesis and spectra of novel diorganotellurides and diorganoditellurides – potential polydentate hybrid organotellurium ligands *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India]*

Vol. 484 pp. 97–106 (1994)
COX, M.G., MANNING, A.R., SOYE, P., MCARDLE, P., CUNNINGHAM, D., The reaction of *R,S* and *R,R/S,S*-$[Fe_2\{\eta,\eta\text{-}C_5H_4CH(NMe_2)CH(NMe_2)C_5H_4\}(CO)_2(\mu\text{-}CO)_2]$ and $[Fe_2\{\eta,\eta\text{-}C_5H_4CH_2CH(NMe_2)C_5H_4\}(CO)_2(\mu\text{-}CO)_2]$ with alkylating-agents. Preparation, structure and spectra o *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland; Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 484 pp. 107–112 (1994)
BRAUER, D.J., BÜRGER, H., HAGEN, T., PAWELKE, G., New heterocycles from the reaction of azoniaboratacyclopropane with isocyanides *[Univ. Gesamthsch. Wuppertal, Wuppertal, Germany]*

Vol. 484 pp. 113–118 (1994)
COCO, S., ESPINET, P., Pentafluorophenyl complexes of palladium and platinum containing chelating and bridging $Fe(C_5H_4PPh_2)_2$ or $Fe(C_5H_4SPh)_2$ *[Univ. Valladolid, Fac. Ciencias, Dept. Quim. Inorgan., Valladolid, Spain]*

Vol. 484 pp. 119–127 (1994)
BOUKHERROUB, R., MANUEL, G., MIGNANI, S., DAMOUR, D., 3,4-functionalized silacyclopentanes. Synthesis of *trans*-4-amino-, azido- and alkyloxy-1-silacyclopentan-3-ols from 6-oxa-3-silabicyclo(3.1.0)hexanes *[Univ. Paul Sabatier, CNRS, UA 477, Chim. Organomineraux Lab., Toulouse, France; Rhone Poulenc Rorer, Ctr. Rech. Vitry Alfortville, Vitry, France]*

Vol. 484 pp. 129–135 (1994)
BANISTER, J.A., GEORGE, M.W., GRUBERT, S., HOWDLE, S.M., JOBLING, M., JOHNSON, F.P.A., MORRISON, S.L., POLIAKOFF, M., SCHUBERT, U., WESTWELL, J.R., Organometallic photochemistry in supercritical fluids: reactions of cyclopentadienyl carbonyl and phosphine carbonyl complexes of manganese with dinitrogen *[Univ. Nottingham, Dept. Chem., Nottingham, England; Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 484 pp. 137–145 (1994)
TINGA, M.A.G.M., BUISMAN, G.J.H., SCHAT, G., AKKERMAN, O.S., BICKELHAUPT, F., SMEETS, W.J.J., SPEK, A.L., Cyclic 1,8-napththalenediyl compounds containing group 14 hetero atoms *[Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands; Free Univ. Amsterdam, Fac. Scheikunde, Vakgrp. Organ. & Anorgan. Chem., Amsterdam, Netherlands]*

Vol. 484 pp. 147–151 (1994)
MARCINIEC, B., MACIEJEWSKI, H., ROSENTHAL, U., Catalysis of hydrosilylation. Part XXV. Effect of nickel(0) and nickel(II) complex catalysts on dehydrogenative silylation, hydrosilylation and dimerization of vinyltriethoxysilane *[Adam Mickiewicz Univ.*

Poznan, Fac. Chem., Poznan, Poland; Max Planck Inst., Rostock, Germany]

Vol. 484 pp. 153–159 (1994)
PÁRKÁNYI, L., KÁLMÁN, A., PANNELL, K.H., SHARMA, H., New refinement of the Me_3E-E'Ph_3 (E=Ge, E'=Sn; E=Sn, E'=Ge) isomeric compounds and the crystal structure of their solid solution *[Hungarian Acad. Sci., Cent. Res. Inst. Chem., Budapest, Hungary; Univ. Texas, Dept. Chem., El Paso, TX, USA]*

Vol. 484 pp. 161–167 (1994)
LEWIS, J., LIN, B., KHAN, M.S., AL-MANDHARY, M.R.A., RAITHBY, P.R., Synthesis and structural characterization of cobalt complexes derived from conjugated tetraynes *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 484 pp. 169–174 (1994)
BAKER, P.K., HARMAN, M.E., HURSTHOUSE, M.B., LAVERY, A.J., MALIK, K.M.A., MULDOON, D.J., SHAWCROSS, A., Bis(alkyne) complexes of the type $[WI_2(CO)(NCR)(\eta^2\text{-}R'C_2R')_2]$ (R=Et, ^{t}Bu, Ph or CH_2Ph; R'=Me or Ph). X-ray crystal structure of $[WI_2(CO)(NC^tBu)(\eta^2\text{-}MeC_2Me)_2]$ *[Univ. Coll. North Wales, Dept. Chem., Bangor, Gwynedd, Wales; Univ. Wales, Coll. Cardiff, Sch. Chem. & Appl. Chem., Cardiff, South Glam, Wales; Zeneca Specialities, Manchester, Lancs, England]*

Vol. 484 pp. 175–178 (1994)
GLIDEWELL, C., LIGHTFOOT, P., Steric effects in triorganosilanes: crystal and molecular structure of tribenzylsilane, a silane isomorphous with the corresponding silanol *[Univ. St. Andrews, Sch. Chem., St. Andrews, Fife, Scotland]*

Vol. 484 pp. 179–190 (1994)
BECKHAUS, R., SANG, J., OSTER, J., WAGNER, T., Zum Reaktionsverhalten eines Vinylidenetitanocen-Intermediates gegenüber protischen Agenzien – selektive Synthesen von 1-Alkenyltitanocenverbindungen *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 484 pp. 191–193 (1994)
OHTA, T., TSUTSUMI, T., TAKAYA, H., Synthesis of optically active benzyl-α-*d* alcohols by asymmetric hydrogenation of benzaldehyde-α-*d* and its derivatives catalyzed by BINAP-Ru(II) complexes *[Kyoto Univ., Grad. Sch. Engn, Div. Mat. Chem., Kyoto, Japan]*

Vol. 484 pp. 195–201 (1994)
ARLIGUIE, T., EPHRITIKHINE, M., LANCE, M., VIGNER, J., NIERLICH, M., Reaction of uranium tetrachloride with trimethylsilylcyclopentadiene: crystal structure of a dichloromethane adduct of $[\{U(Cp)_2(\mu\text{-}Cl)\}_3(\mu_3\text{-}Cl)_2]$-$[\{U(Cp)Cl_2\}_2(\mu\text{-}Cl)_3]$ ($Cp=\eta\text{-}C_5H_5$) *[CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Chim. Uranium Lab., CNRS, URA 331, Gif sur Yvette, France; CE Saclay, CEA, DRECAM, DSM, Serv. Chim. Molec., Cristallog. Lab., CNRS, URA 331, Gif sur Yvette, France]*

Vol. 484 pp. 203–207 (1994)
ROSENTHAL, U., OHFF, A., BAUMANN, W., TILLACK, A., GÖRLS, H., BURLAKOV, V.V., SHUR, V.B., Zirconadihydrofuran-Komplexe: Darstellung, Struktur und Reaktivitäts-Betrachtungen *[Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany; Friedrich Schiller Univ., Max Planck Ges., Jena, Germany; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 484 pp. 209–224 (1994)
MÜLLER, T.E., CHOI, S.W.-K., MINGOS, D.M.P., MURPHY, D., WILLIAMS, D.J., YAM, V.W.-W., Synthesis, structural characterization and photophysical properties of ethyne-gold(I) complexes *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England; Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]*

Vol. 484 pp. 225–231 (1994)
GYÖRI, B., KOVÁCS, Z., EMRI, J., BERENTE, Z., Synthesis and characterization of some amine complexes of bromocarboxy-boranes and bromo(methoxycarbonyl)boranes *[Lajos Kossuth Univ., Dept. Inorgan. & Analyt. Chem., Debrecen, Hungary]*

Vol. 484 pp. 233–237 (1994)
WEINRICH, V., ROBL, C., BECK, W., Kohlenwasserstoffbrückte Metallkomplexe. XXXI. 2,4-Bis(pentacarbonylmangan- und rhenium)but-3-enolide aus Fumarsäuredichlorid und Carbonylmetallaten *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 484 pp. C1–C4 (1994)
SCHENZEL, K., HASSLER, K., Mehrfach cyclopentadienyl-substituierte Disilane und Trisilane *[Martin Luther Univ. Halle Wittenberg, Inst. Analyt. & Umweltchem., Halle, Germany; Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 484 pp. C5–C7 (1994)
SCHERER, O.J., SCHULZE, J., WOLMERSHÄUSER, G., Bicyclisches As_6 als Komplexligand *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany]*

Vol. 484 pp. C8–C9 (1994)
DUPONT, J., HALFEN, R.A.P., ZINN, F.K., PFEFFER, M., Nucleophilic additions to palladium(II)-activated C=C bonds: synthesis of cyclopalladated 8-substituted quinoline derivatives *[Univ. Fed. Rio Grande Sul, Inst. Quim., Porto Alegre, RS, Brazil; Lab. Met. Mediated Synth., CNRS, Strasbourg, France]*

Vol. 484 pp. C10–C12 (1994)
BOCHMANN, M., CUENCA, T., HARDY, D.T., Facile α-h elimination in cationic zirconium alkyl complexes – formation of μ-ch2 complexes as a possible deactivation pathway in polymerization catalysis *[Univ. East Anglia, Sch. Chem. Sci., Norwich, Norfolk, England; Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

Vol. 485 pp. 1–9 (1995)
DOAK, G.O., FREEDMAN, L.D., Bismuth annual review covering the year 1991 *[North Carolina State Univ., Dept. Chem., Raleigh, NC, USA]*

Vol. 485 pp. 11–17 (1995)
FIERRO, R., RAUSCH, M.D., HERRMAN, G.S., ALT, H.G., Synthesis and characterization of new one-carbon-bridged titanocene and zirconocene derivatives *[Univ. Massachusetts, Dept. Chem., Amherst, MA, USA; Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 485 pp. 19–24 (1995)
RUAN, M.-D., ZHAO, H.-R., FAN, W.-Q., ZHOU, X.-J., First example of selenium transfer reaction of primary selenoamides and selenourea. Novel synthesis of dialkyl diselenides from alkyl halides *[Hangzhou Univ., Dept. Chem., Hangzhou, P.R. China]*

Vol. 485 pp. 25–29 (1995)
TRAKARNPRUK, W., ARIF, A.M., ERNST, R.D., Synthesis and characterization of $Fe(1\text{-}Me_3Si\text{-}3\text{-}CH_3C_5H_3)_2$, an open ferrocene derived from an unsymmetric pentadienyl ligand *[Univ. Utah, Dept. Chem., Salt Lake City, UT, USA]*

Vol. 485 pp. 31–36 (1995)
KAJITANI, M., IGARASHI, A., HATANO, H., AKIYAMA, T., SUGIMORI, A., MATSUMOTO, S., IGUCHI, Y., BOENNEMANN, H.,

SHIMIZU, K., SATO, G.P., Formation constants of some phosphine and phosphite adducts of (η^5-cyclopentadienyl)(substituted 1,2-ethylenedichalcogenolato)cobalt(III) complexes and their ^1H, ^{13}C and ^{31}P NMR spectra *[Sophia Univ., Fac. Sci. & Technol., Dept. Chem., Tokyo, Japan; Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 485 pp. 37–43 (1995)
VAUGHAN, W.M., ABBOUD, K.A., BONCELLA, J.M., Synthesis of a tris(pyrazolyl)borate-stabilized molybdenum alkylidene and its hydrolysis products. Crystal structures of $TpMo(CH_2C(Me)_2Ph)$-(NAr)(O) and $[TpMo(NAr)(O)]_2O$ *[Univ. Florida, Dept. Chem., Gainesville, FL, USA; Univ. Florida, Ctr. Catalysis, Gainesville, FL, USA]*

Vol. 485 pp. 45–53 (1995)
GIOIA LOBBIA, G., CECCHI, P., SPAGNA, R., COLAPIETRO, M., PIFFERI, A., PETTINARI, C., Organotin(IV) polypyrazolylborates. VII. Hydridotris(3,4,5-trimethyl-1*H*-pyrazol-1-yl)borates. X-ray crystal structures of $K(HB(3,4,5\text{-}Me_3Pz)_3]$ and $[HB(3,4,5\text{-}Me_3Pz)_3$ $SnMeCl_2]$ *[Univ. Camerino, Dipartimento Sci. Chim., Camerino, Italy; Univ. Tuscia, Dipartimento Agrobiol. & Agrochim., Viterbo, Italy; CNR, Ist. Strutturist Chim. G. Giacomello, Rome, Italy; Univ. Roma La Sapienza, Dipartimento Chim., Rome, Italy]*

Vol. 485 pp. 55–62 (1995)
ZHANG, S.-W., MITSUDO, T., KONDO, T., WATANABE, Y., Syntheses of cyclohexenone derivatives by the ruthenium complex-catalyzed reactions of allylic compounds with β-keto esters *[Kyoto Univ., Fac. Engn., Div. Energy & Hydrocarbon Chem., Kyoto, Japan]*

Vol. 485 pp. 63–68 (1995)
DJEROUROU, A., BLANCO, L., Reactivity of dichlorosilanes with lithium ester enolates: synthesis of 3,3-disubstituted 3-silaglutarates *[Univ. Paris 11, Inst. Chim. Molec. Orsay, CNRS, Carbocycles Lab., Orsay, France]*

Vol. 485 pp. 69–77 (1995)
MAKSAKOV, V.A., ERSHOVA, V.A., Hydroxylamines as new decarbonylating reagents in the synthesis of metal carbonyl derivatives *[Russian Acad. Sci., Siberian Branch, Inst. Inorgan. Chem., Novosibirsk, Russia]*

Vol. 485 pp. 79–84 (1995)
EL AMOURI, H., GRUSELLE, M., VAISSERMANN, J., MCGLINCHEY, M.J., JAOUEN, G., Surprisingly facile decomposition of the dication $[(C_5Me_5)Ir(MeO\text{-}C_6H_4\text{-}CH_2CO_2NCOCH_2CO)]^{2+}$: a metal-mediated Hunsdiecker reaction of a succinimidyl ester? *[Ecole Natl. Super Chim., CNRS, UA 403, Paris, France; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France; McMaster Univ., Dept. Chem., Hamilton, ONT, Canada]*

Vol. 485 pp. 85–100 (1995)
SCHÄFER, M., WOLF, J., WERNER, H., Vinyliden-Übergangsmetallkomplexe. XXX. Reaktionen von Acetato- und Trifluoroacetato-Rhodium(I)-Komplexen mit 1-Alkinen: Ein Beispiel für die Balance zwischen isomeren π-Alkin-, Alkinyl(hydrido)- und Vinyliden-Metallverbindungen *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 485 pp. 101–107 (1995)
BOCHKAREV, L.N., MOLOSNOVA, N.E., ZAKHAROV, L.N., FUKIN, G.K., YANOVSKY, A.I., STRUCHKOV, YU.T., Synthesis and structure of triphenylmethyl derivatives of ytterbium $[Yb(THF)_6]^{2+}[Ph_3C]_2^-$ and $[(THF)_4Yb(\mu\text{-}Cl)_2Yb(THF)_4]^{2+}$-$[Ph_3Cl)_2^-$ *[Nizhny Novgorod State Pedagog. Univ., Dept. Chem., Nizhnii Novgorod, Russia; Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 485 pp. 109–114 (1995)
KOLEHMAINEN, E., LAIHIA, K., KORVOLA, J., KAGANOVICH, V.S., RYBINSKAYA, M.I., KERZINA, Z.A., Mono-, bi- and polynuclear complexes of diphenylmethane with Cr, Co and Ru. Synthesis and investigation by ^1H, ^{13}C and ^{17}O NMR *[Univ. Jyväskylä, Dept. Chem., Jyväskylä, Finland; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 485 pp. 115–121 (1995)
DROMMI, D., ARENA, C.G., NICOLO, F., BRUNO, G., FARAONE, F., Mononuclear(η^6-arene)ruthenium(II) and (η^5-pentamethylcyclopentadienyl)rhodium(III) and binuclear ruthenium(II)-platinum(II) and ruthenium(II)-rhodium(I) complexes containing 2-(diphenylphosphino)pyridine *[Univ. Messina, Dipartimento Chim. Inorgan. Analit. & Struttura Molec., Messina, Italy]*

Vol. 485 pp. 123–126 (1995)
MASSEY, S.T., MANSOUR, B., MCELWEE-WHITE, L., Reaction of $(CO)_5W(THF)$ with triphenylmethyl azide and triptycyl azide *[Stanford Univ., Dept. Chem., Stanford, CA, USA]*

Vol. 485 pp. 127–133 (1995)
WADA, M., KANZAKI, M., OGURA, H., HAYASE, S., ERABI, T., Tris(2,6-dimethoxyphenyl)borane and its adducts *[Tottori Univ., Fac. Engn., Dept. Mat. Sci., Tottori, Japan]*

Vol. 485 pp. 135–140 (1995)
SELENT, D., RAMM, M., Molekül- und Kristallstruktur von μ-Hydroxy-cyclooctadien(1,5)-rhodium(I)-Dimer bei 173 K. Zur Reaktion von $[(\mu\text{-}OH)Rh(COD\text{-}1,5)]_2$ mit $(\eta^5\text{-}C_5(CH_3)_5]_2$-$Ti(IV)(CH_3)_2$ und $(\eta^5\text{-}C_5H_5)_2Ti(II)[P(CH_3)_3]_2$ *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Free Univ. Berlin, Inst. Kristallogr., Berlin, Germany]*

Vol. 485 pp. 141–147 (1995)
LI, X.-W., LORBERTH, J., MASSA, W., WOCADLO, S., Synthesis and characterization of aryl bismuth compounds using 2,4,6-triphenylphenyl as a bulky ligand *[Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 485 pp. 149–152 (1995)
LORBERTH, J., MASSA, W., WOCADLO, S., SARRAJE, I., SHIN, S.-H., LI, X.-W., Synthesis and crystal structure of E.O. Fischer's "red crystalline modification of tris-cyclopentadienylbismuth, $(\eta\text{-}C_5H_5)_3Bi$" *[Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 485 pp. 153–160 (1995)
AMOR, J.I., BURTON, N.C., CUENCA, T., GÓMEZ-SAL, P., ROYO, P., Synthesis and characterization of new alkoxide and aryloxide derivatives of titanium and zirconium. X-ray molecular structure of $[ZrCp_2(OC_6F_5)_2]$ *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

Vol. 485 pp. 161–164 (1995)
WU, Y.J., HUO, S.Q., ZHU, Y., Crystal and molecular structure of [1-[(4-chlorophenyl)imino]ethyl] ferrocene and a structural comparison with its cyclometallated derivatives *[Zhengzhou Univ., Dept. Chem., Zhengzhou, P.R. China; Lanzhou Univ., Natl. Lab. Appl. Organ. Chem., Lanzhou, P.R. China]*

Vol. 485 pp. 165–171 (1995)
MASON, S.J., HILL, C.M., MURPHY, V.J., O'HARE, D., WATKIN, D.J., Synthesis, crystal structures and magnetic properties of salts containing bis[hydrotris(3,5-dimethyl-1-pyrazolyl)borate]iron(III) *[Univ. Oxford, Inorgan. Chem. Lab.,*

Oxford, Oxon, England; Univ. Oxford, Chem. Crystallogr. Lab., Oxford, Oxon, England]

Vol. 485 pp. 173–178 (1995)
RUFANOV, K.A., KAZENNOVA, N.B., CHURAKOV, A.V., LEMENOVSKII, D.A., KUZ'MINA, L.G., Synthesis of highly crowded cyclopentadienes via reactions of Cp_2Ni and $CpSn(CH_3)_3$ with triarylmethylhalogenides. Molecular structure of 1-$(CH_3)_3Si$-(3-Ph_3C)-C_5H_4 *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia]*

Vol. 485 pp. 179–183 (1995)
LANGE, I., JONES, P.G., BLASCHETTE, A., Polysulfonylamine. LX. Ein dimeres Diorganizinnhydroxid mit einer Zinn-Stickstoff-Bindung: Bildung und Röntgenstrukturanalyse von Di-μ-hydroxo-bis[(dimesylamido-*N*)dimethylzinn(IV)] *[Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany]*

Vol. 485 pp. 185–189 (1995)
THÖNE, C., VAHRENKAMP, H., Aurated clusters derived from (μ_3-ketenylidene)-Fe_3 and -Fe_2Co clusters *[Albert Ludwigs Univ., Inst. Anorgan. & Analyt. Chem., Freiburg, Germany]*

Vol. 485 pp. 191–199 (1995)
MCCARTHY, P.J., SALTER, I.D., ADATIA, T., The heteronuclear cluster chemistry of the Group IB metals. Part XVII. Synthesis and X-ray crystal structure of the hexanuclear mixed-metal cluster $[Ag_2Ru_4(\mu_3\text{-}H)_2(CO)_{12}\{P(C_6H_4Me\text{-}2)_3\}_2]$. An investigation of the steric proper *[Univ. Exeter, Dept. Chem., Exeter, Devon, England; Univ. North London, Sch. Chem., London, England]*

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ZAKARIA, C.M., MORRISON, C.A., MCANDREW, D., BELL, W., GLIDEWELL, C., Ferrocenyl salts as synthons: new ferrocenyl-1,3-diketones *[Univ. St. Andrews, Sch. Chem., St. Andrews, Fife, Scotland]*

Vol. 485 pp. 209–213 (1995)
SCHUMANN, H., HEMLING, H., GOREN, N., BLUM, J., Dicarbonylbis[2-(diphenylphosphino)-*N,N*-dimethylethanamine]bis-[μ-(2-methyl)-2-propanethiolato]dirhodium and dicarbonylbis[2-(diphenylphosphino)-*N,N,N*-trimethylethanaminium]-bis-[μ-(2-methyl)-2-propanethiolato]dirhodium tetraphenylborate... *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Hebrew Univ. Jerusalem, Dept. Organ. Chem., Jerusalem, Israel]*

Vol. 485 pp. 215–218 (1995)
NAGY, A., SZEPES, L., VASS, G., ZANATHY, L., He(I) photoelectron spectroscopic study of half- and bent sandwich tetrahydroborates *[Loránd Eötvös Univ., Dept. Gen. & Inorgan. Chem., Budapest, Hungary]*

Vol. 485 pp. 219–225 (1995)
KARPOV, M.G., TUNIK, S.P., DENISOV, V.R., STAROVA, G.L., NIKOL'SKII, A.B., DOLGUSHIN, F.M., YANOVSKY, A.I., STRUCHKOV, YU.T., Reactions of diacetylene ligands with trinuclear clusters. I. Reactions of 2,4-hexadiyne-1,6-diol and its dicobalthexacarbonyl derivatives with $H_2Os_3(CO)_{10}$ *[St. Petersburg State Univ., Dept. Chem., St. Petersburg, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 485 pp. 227–231 (1995)
WYRWA, R., FRÖHLICH, H.-O., FISCHER, R., Beiträge zur Chemie organometallischer metallacyclischer Nebengruppenmetallverbindungen. XI. Synthese und Charakterisierung von $[Li(TMEDA)]_2$-$Ni(CH_2CH_2CH_2CH_2C(O)O)_2$ und seine Umsetzung mit CH_3I und einem C_{22}-Steroidiodid *[Friedrich Schiller Univ., Inst. Anorgan. & Analyt. Chem., Jena, Germany]*

Vol. 485 pp. 233–236 (1995)
KOLLEGGER, G., HASSLER, K., Synthese und Eigenschaften funktioneller Polysilane: Die Tetrasilane $MeSi(SiMe_2X)_3$ und Hexasilane $(Me_2XSi)_2MeSiSiMe(SiMe_2X)_2$, X=Me,H,F,Cl,Br,I *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 485 pp. 237–242 (1995)
LEBLANC, J.-C., MOISE, C., VOLPATO, F., BRUNNER, H., GEHART, G., WACHTER, J., NUBER, B., Comparative studies in the $Cp_2M(\eta^2\text{-}S_2)H$ series (Cp=t-BuC_5H_4, C_5Me_4Et; M=Nb, Ta) on the reactivity of hydride and disulfide ligands *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany; Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France; Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 485 pp. 243–251 (1995)
HERRMANN, W.A., KÜHN, F.E., ROESKY, P.W., Mehrfachbindungen zwischen Übergangsmetallen und Hauptgruppenelementen. CXXXIV. ^{17}O-NMR-Spektroscopie an Organorhenium(VII)-oxiden *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 485 pp. 253–255 (1995)
RYBIN, L.V., OSINTSEVA, S.V., RYBINSKAYA, M.I., DOLGUSHIN, F.M., YANOVSKY, A.I., STRUCHKOV, YU.T., Reactions of dodecacarbonyltriruthenium with enones: η^3-coordinated dihydropyranyl rings *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 485 pp. 257–266 (1995)
GAVIOLI, G., BATTISTUZZI, R., SANTI, P., ZUCCHI, C., PÁLYI, G., UGO, R., VIZI-OROSZ, A., SHCHEGOLIKHINA, O.I., POZDNIAKOVA, YU.A., LINDEMAN, S.V., ZHDANOV, A.A., Bimetallic siloxane cluster of higher valent transition metals: $Na\{[\eta^6\text{-cyclo-}(PhSiO_2)_6]_2Co_2Ni_4(\mu_6\text{-}Cl)\}$ *[Univ. Modena, Dept. Chem., Modena, Italy; Univ. Milan, Dept. Inorgan. & Organomet. Chem., Milan, Italy; Hungarian Acad. Sci., Petrochem. Res. Grp., Veszprém, Hungary; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 485 pp. C1–C5 (1995)
JOSHI, V.S., SATHE, K.M., NANDI, M., CHAKRABARTI, P., SARKAR, A., Severe distortion of π-allyl orientation in a Molybdenum complex containing a sterically demanding ligand: Crystal structure of hydrotris(3,5-dimethylpyrazolyl)borato-(π-cinnamyl)-dicarbonyl molybdenum(II) *[Natl. Chem. Lab., Div. Organ. Chem. Synth., Poona, Maharashtra, India; Natl. Chem. Lab., Div. Phys. Chem., Poona, Maharashtra, India]*

Vol. 485 pp. C6–C9 (1995)
SHEN, F.R., HU, J.P., XIE, M.H., WANG, S.W., HUANG, X.Y., Synthesis and structural investigation of lanthanide organometallics involving cyclopentadienyl and 2-naphthoyltrifluoroacetonato chelate ligands *[Anhui Normal Univ., Inst. Organ. Chem., Wuhu, P.R. China; Chinese Acad. Sci., Fujian Inst. Res. Struct. Matter, Fuzhou, P.R. China]*

Vol. 485 pp. C10–C13 (1995)
ANG, H.-G., ANG, S.-G., KWIK, W.L., ZHANG, Q., Triosmium carbonyl cluster derivatives containing pentameric phenyl cyclopolyphosphine *[Natl. Univ. Singapore, Fac. Sci., Dept. Chem., Singapore, Singapore]*

Vol. 485 pp. C14–C17 (1995)
AKITA, M., HIRAKAWA, H., TANAKA, M., MORO-OKA, Y., Structure expansion of the mixed-metal dicarbide cluster core in $[(\mu_3\text{-}C{\equiv}C\text{-}Fp)Ru_3(\mu\text{-}H)(CO_9)]$ via direct radical and thermal coupling reactions leading to higher-nuclearity $(\mu\text{-}C_2H_x)M_y$ cluster compounds ($x=0, 1$; $y=7, 8$), CpFeR *[Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Yokohama, Kanagawa, Japan]*

Vol. 485 pp. C18–C21 (1995)
LABELLA, L., CHERNEGA, A., GREEN, M.L.H., *ansa*-[(2,2-bis-η-cyclopentadienyl)propane]-molybdenum and -tungsten chemistry and related studies *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; Univ. Oxford, Chem. Crystallogr. Lab., Oxford, Oxon, England]*

Vol. 486 pp. 1–20 (1995)
FREEDMAN, L.D., DOAK, G.O., Antimony. Annual review covering the year 1991 *[North Carolina State Univ., Dept. Chem., Raleigh, NC, USA]*

Vol. 486 pp. 21–29 (1995)
YAMAMOTO, Y., TANASE, T., SUGANO, K., Reactions of dicobalt octa(isocyanide) with 2-bromoacetophenone *[Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

Vol. 486 pp. 31–36 (1995)
PRASAD, R., Synthesis, spectral and electrochemical aspects of maleonitriledithiolate and dibenzyldithiomaleonitrile complexes of cyclopentadienylruthenium(II) *[Vikram Univ., Sch. Studies Chem., Ujjain, Madhya Pradesh, India]*

Vol. 486 pp. 37–43 (1995)
DAHMEN, K.-H., IMHOF, D., VENANZI, L.M., GERFIN, T., GRAMLICH, V., Synthesis and X-ray crystal structure of the heterometallic platinum-mercury cluster $[\{Pt_4(\mu\text{-}CO)_4(PMe_2Ph)_4\}\text{-}\{\mu_3\text{-}HgI\}_2]$ *[ETH Zürich, Anorgan. Chem. Lab., Zürich, Switzerland; ETH Zürich, Inst. Kristallogr. & Petrogr., Zürich, Switzerland]*

Vol. 486 pp. 45–50 (1995)
MÁRQUEZ, A., ANGUIANO, J., GONZÁLEZ, G., FERNÁNDEZ SANZ, J., A theoretical approach to the molecular structure of vinylstannane and some structural isomers *[Fac. Quim. Seville, Dept. Quim. Fis., Seville, Spain; Fac. Quim. Seville, Dept. Quim. Analit., Seville, Spain]*

Vol. 486 pp. 51–56 (1995)
DANISH, M., ALT, H.G., BADSHAH, A., ALI, S., MAZHAR, M., NAZAR, UL-ISLAM, Organotin esters of 3-(2-furanyl)-2-propenoic acid: their characterization and biological activity *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany; Quaid I Azam Univ., Dept. Chem., Islamabad, Pakistan; Univ. Peshawar, Dept. Pharm., Peshawar, Pakistan]*

Vol. 486 pp. 57–62 (1995)
JANATI, T., GUILLEMIN, J.-C., SOUFIAOUI, M., Vinylstannanes: synthesis and characterization *[Univ. Rennes 1, CNRS, URA 704, Physicochim. Struct. Grp., Rennes, France; Univ. Mohammed 5, Fac. Sci. Rabat, Rabat, Morocco]*

Vol. 486 pp. 63–67 (1995)
CANO, M., OVEJERO, P., HERAS, J.V., Heterobimetallic Group-6 rhodium complexes. III. $[M(CO)_3(NN)(dppm\text{-}P)]$ (M=Mo, W, NN=phen or bpy) as *P*-donor in M-Rh complexes *[Univ. Complutense Madrid, Fac. Ciencias Quim., Dept. Quim. Inorgan., Madrid, Spain]*

Vol. 486 pp. 69–78 (1995)
MONTI, H., AFSHARI, M., LÉANDRI, G., Etude de la réactivité de l'allyltriméthylsilane avec les cétones α-cyclopropaniques en présence de tétrachlorure de titane *[Fac. Sci. & Tech. St. Jerome, CNRS 1409, React. Organ. Select. Lab., Marseille, France]*

Vol. 486 pp. 79–93 (1995)
ARMSTRONG, D.R., HENDERSON, K.W., MACGREGOR, M., MULVEY, R.E., ROSS, M.J., CLEGG, W., O'NEIL, P.A., Synthetic and theoretical MO calculational studies of lithiotriazine intermediates produced during alkyllithium-induced cyclotrimerization reactions of organic nitriles, and comparison of their structures with that of a methylmagnesiotriazine derivative *[Univ. Strathclyde, Dept. Pure & Appl. Chem., Glasgow, Lanark, Scotland; Univ. Newcastle Upon Tyne, Dept. Chem., Newcastle upon Tyne, Tyne & Wear, England]*

Vol. 486 pp. 95–104 (1995)
LOUATI, A., KUNCAKA, A., GROSS, M., HAUBTMANN, C., BERNARD, M., ANDRÉ, J.-J., BRUNETTE, J.-P., Electrochemical reduction of 1,10-bis(1-phenyl-3-methyl-5-hydroxy-4-pyrazolyl)-1,10-decanedione. Characterization of its electrogenerated mononuclear Co^{II}, Ni^{II} and Cu^{II} complexes. ESR properties of Co^{II} and Cu^{II} complexes *[Univ. Strasbourg 1, CNRS, URA 405, Electrochim. & Chim. Phys. Corps Solide Lab., Strasbourg, France; Ecole Europeenne Hautes Etud. Ind. Chim., CNRS, URA 405, Chim. Minerale Lab., Strasbourg, France; Univ. Strasbourg 1, Inst. Charles Sadron, CNRS, Strasbourg, France]*

Vol. 486 pp. 105–107 (1995)
CASELLATO, U., GRAZIANI, R., PERUZZO, V., PLAZZOGNA, G., Dichlorodialkyltin complexes with 4-bromopyrazole. The crystal structure of bis(4-bromopyrazole-N^2)dichlorodimethyltin(IV) *[CNR, Ist. Chim. & Tecnol. Radioelementi, Padua, Italy; Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy]*

Vol. 486 pp. 109–114 (1995)
GREGOR, I.K., GREGOR, R.C., Chemistry of coordinatively unsaturated and electron deficient carbonyl metallate ions. Gas phase reactions of $[Fe(CO)_2]^-$ with alcohols *[Univ. New South Wales, Sch. Chem., Sydney, NSW, Australia]*

Vol. 486 pp. 115–121 (1995)
BAXTER, P.N.W., CONNOR, J.A., Solvatochromism in substituted 2,2'-bipyridinetetracarbonyl-metal complexes of chromium, molybdenum and tungsten *[Univ. Kent, Chem. Lab., Canterbury, Kent, England]*

Vol. 486 pp. 123–127 (1995)
RIETHER, K.-B., PELLEGRINI, S., MORTREUX, A., MONFLIER, E., A convenient electrosynthesis of new complexes $[Sn\{Co(CO)_3PR_3\}_4]$ and their spectroscopic characterization *[Univ. Sci. & Technol. Lille, CNRS, Chim. Organ. Appl. Synth. Organomet. Lab., URA 402, Villeneuve d'Ascq, France; Univ. Artois, Fac. Sci. J. Perrin, Lens, France]*

Vol. 486 pp. 129–134 (1995)
BRAUER, D.J., PAWELKE, G., Amine adducts of bis(trifluoromethyl)borane, $(CF_3)_2BH$, crystal and molecular structure of $(CF_3)_2BH{\cdot}NMe_2CH_2Ph$ *[Univ. Gesamthsch. Wuppertal, Wuppertal, Germany]*

Vol. 486 pp. 135–140 (1995)
LEE, S.-G., CHUNG, Y.K., YOON, T.-S., SHIN, W.C., Reaction of tricarbonyl(η^6-cycloheptatriene)manganese cation with phosphorus ylides *[Seoul Natl. Univ., Coll. Nat. Sci., Dept. Chem., Seoul, South Korea]*

Vol. 486 pp. 141–145 (1995)
LEE, T.-Y., LEE, S.S., CHUNG, Y.K., LEE, S.W., Reactivity of $[(1,2,3,4\text{-tetrahydronaphthalene})Mn(CO)_3]PF_6$: molecular structure of $[(1,2,3,4\text{-tetrahydronaphthalene})Mn(CO)_2(C(O)Me)]$

[Seoul Natl. Univ., Coll. Nat. Sci., Dept. Chem., Seoul, South Korea; Sung Kyun Kwan Univ., Dept. Chem., Su-Won, South Korea]

Vol. 486 pp. 147–154 (1995)
LIN, J.T., YEH, A.C., CHOU, Y.C., TSAI, T.Y.R., WEN, Y.-S., Phosphido bridged heterodinuclear (Mn/Fe, Mn/Cr, Mn/W) complexes *[Acad. Sinica, Inst. Chem., Taipei, Taiwan; Chung Yuan Christian Univ., Dept. Chem., Chung-Li, Taiwan]*

Vol. 486 pp. 155–161 (1995)
GONÇALVES, I.S., ROMAO, C.C., Synthesis of mixed-ring indenyl analogues of tungstenocene *[Univ. Nova Lisboa, Inst. Tecnol. Quim. & Biol., Oeiras, Portugal; Inst. Super Tecn., Oeiras, Portugal]*

Vol. 486 pp. 163–170 (1995)
GODDARD, R., HOPP, G., JOLLY, P.W., KRÜGER, C., MYNOTT, R., WIRTZ, C., The palladium-catalyzed intramolecular cyclization of alkadienyl-substituted 1,3-diketones *[Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 486 pp. 171–176 (1995)
FAWCETT, J., KEMMITT, R.D.W., RUSSELL, D.R., SERINDAG, O., Zerovalent palladium and platinum complexes of aminomethylphosphines. Crystal structure of the palladium(0) dibenzylideneacetone complex [Pd(PhCH=CHCOCH=CHPh)-{$((C_6H_{11})_2PCH_2)_2NMe$}] *[Univ. Leicester, Dept. Chem., Leicester, England]*

Vol. 486 pp. 177–182 (1995)
BOCHKAREV, M.N., TRIFONOV, A.A., CLOKE, F. GEOFFREY N., DALBY, C.I., MATSUNAGA, P.T., ANDERSEN, R.A., SCHUMANN, H., LOEBEL, J., HEMLING, H., Synthesis, magnetic susceptibility and X-ray crystal structure of $(^tBuNCHCHN^tBu)_3Yb$ *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia; Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England; Univ. Calif. Berkeley, Dept. Chem., Berkeley, CA, USA; Univ. Calif., Lawrence Berkeley Lab., Berkeley, CA, USA]*

Vol. 486 pp. 183–191 (1995)
SCHOLLHAMMER, P., PÉTILLON, F.Y., PICHON, R., PODER-GUILLOU, S., TALARMIN, J., MUIR, K.W., GIRDWOOD, S.E., Reactions of di- and poly-nuclear complexes. 13. Synthesis, structure and fluxional behaviour of hydrido- and thiolato- or selenato-bridged complexes $[Mo_2Cp_2(\mu\text{-}H)(\mu\text{-}ER)(CO)_4]$ (E=S, R=Me, ^{t}Bu, Bz, or Ph; E=Se, R=Ph) *[Univ. Bretagne Occidentale, Fac. Sci., CNRS, Unite Chim. Electrochim. Molec. & Chim. Analyt., Brest, France; Univ. Glasgow, Dept. Chem., Glasgow, Lanark, Scotland]*

Vol. 486 pp. 193–198 (1995)
LUTTIKHEDDE, H.J.G., LEINO, R.P., NÄSMAN, J.H., AHLGRÉN, M., PAKKANEN, T., Synthesis and characterization of *ansa*-[1,1-bis(inden-1,1-diyl)-1-silacyclopentane]zirconium dichlorides. Crystal structures of *meso*- and *racemic*-[1,1-bis(inden-1,1-diyl)-1-silacyclopentane]-dichlorozirconium... *[Åbo Akad. Univ., Dept. Polymer Technol., Turku, Finland; Univ. Joensuu, Dept. Chem., Joensuu, Finland]*

Vol. 486 pp. 199–210 (1995)
CAMBIE, R.C., RUTLEDGE, P.S., STEVENSON, R.J., WOODGATE, P.D., Addition-protonation reactions of (η^6-arene)tricarbonylchromium(0) complexes of podocarpic acid derivatives: synthesis of steroidal alicyclic skeletons *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 486 pp. 211–216 (1995)
KIM, J.-A., CHUNG, T.-M., CHUNG, Y.K., JUNG, J.-H., LEE, S.W., Synthesis and properties of 1,3- and 1,4-$\{(\eta^5\text{-}C_6H_6)Mn(CO)_3\}_2\text{-}C_5H_4$: molecular structure of $[(\mu\text{-}\eta^5\text{:}\eta^5\text{-}C_{17}H_{15})(CH_3)Mn_2W(CO)_9]$ *[Seoul Natl. Univ., Coll. Nat. Sci., Dept. Chem., Seoul, South Korea; Sung Kyun Kwan Univ., Dept. Chem., Su-Won, South Korea]*

Vol. 486 pp. 217–228 (1995)
TEPPANA, T., JÄÄSKELÄINEN, S., AHLGRÉN, M., PURSIAINEN, J., PAKKANEN, T.A., Tetrahydrothiophene derivatives of metal carbonyl clusters *[Univ. Joensuu, Dept. Chem., Joensuu, Finland]*

Vol. 486 pp. 229–235 (1995)
HEY-HAWKINS, E., KURZ, S., SIELER, J., BAUM, G., P-H-funktionelle Zirkonocen-Phosphido-Komplexe – Synthese und Molekülstruktur von cis-$[Cp'_2Zr(\mu\text{-}PHR)]_2$ ($Cp'=C_5H_4Me$, $R=C_4H_9$ (^{t}Bu), $C_{10}H_{15}$ (Ad)) *[Univ. Leipzig, Inst. Anorgan. Chem., Leipzig, Germany; Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany]*

Vol. 486 pp. 237–242 (1995)
CANNADINE, J.C., ERRINGTON, W., MOORE, P., WALLBRIDGE, M.G.H., NIELD, E., FENN, D., Group-13 tetraazamacrocyclic complexes. The synthesis and characterization of the monomethyl- and dimethyl-aluminum(III) and gallium(III) complexes of the two tetraazamacrocyclic ligands *omtaa*$^{2-}$... *[Univ. Warwick, Dept. Chem., Coventry, West Midlands, England; ICI Paints, Slough, Berks, England]*

Vol. 486 pp. 243–248 (1995)
KANE-MAGUIRE, L.A.P., KANITZ, R., SHEIL, M.M., Comparison of electrospray mass spectrometry with other soft ionization techniques for the characterization of cationic π-hydrocarbon organometallic complexes *[Univ. Wollongong, Dept. Chem., Wollongong, NSW, Australia]*

Vol. 486 pp. 249–253 (1995)
RAZSKAZOVSKII, YU.V., ROGINSKAYA, M.V., MEL'NIKOV, M.YA., The reactions of silylenes on the chemically activated silica surface *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 486 pp. 255–258 (1995)
WRACKMEYER, B., HOFMANN, T., HERBERHOLD, M., Characterization of manganese sandwich complexes by ^{55}Mn NMR spectroscopy *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 486 pp. 259–262 (1995)
BUMAGIN, N.A., BYKOV, V.V., SUKHOMLINOVA, L.I., TOLSTAYA, T.P., BELETSKAYA, I.P., Palladium-catalyzed arylation of styrene and acrylic acid in water *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 486 pp. 263–265 (1995)
KAYSER, F., BIESEMANS, M., FU, F.X., PAN, H.A., GIELEN, M., WILLEM, R., Study of halogen exchanges in (Z)-1-[2-(bromochlorophenylstannyl)vinyl]-1-cyclohexanol by 2D ^{119}Sn EXSY NMR *[Free Univ. Brussels, Ctr. High Resolut. NMR, Brussels, Belgium; Free Univ. Brussels, Fac. Engn., Dept. Gen. & Organ. Chem., Brussels, Belgium; North-East Normal Univ., Dept. Chem., Changchun, P.R. China]*

Vol. 486 pp. 267–273 (1995)
HABEL, W., OELSCHLÄGER, A., SARTORI, P., Synthese und Charakterisierung von Poly(dialkylenylsilylen-co-methylenen) als Grundmaterialen von SiC-Fasern *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany]*

Vol. 486 pp. 275-277 (1995)
BRUNET, J.-J., EL-ZAIZI, A., Synthesis of benzophenone by carbonylation of iodobenzene with $[Bu^n_4N][HFe(CO)_4]$) *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 486 pp. 279-282 (1995)
BALDOLI, C., DEL BUTTERO, P., LICANDRO, E., MAIORANA, S., PAPAGNI, A., ZANOTTI-GEROSA, A., The first chiral racemic Fischer-type aminocarbene complex bearing a C_2 symmetry amine: stereochemical characteristics and application to Michael addition reactions *[Univ. Milan, Dipartimento Chim. Organ. & Ind., Milan, Italy; Ctr. Studio Sintesi & Stereochim. Speciali Sistemi Organ., Milan, Italy]*

Vol. 486 pp. 283-285 (1995)
REMITA, H., BRIK, M.E., DARAN, J.C., DELCOURT, M.O., Radiolytic synthesis and characterization of $[Ru^{II}(acac)_2(CO)L]$ (L=MeOH, EtOH or Pr^iOH) *[Univ. Paris 11, CNRS, URA 75, Physicochim. Rayonnements Lab., Orsay, France; Univ. Paris 11, Inst. Chim. Molec. Orsay, Chim. Organ. Struct. Lab., Orsay, France; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 486 pp. 287-289 (1995)
JUTZI, P., KLEIMEIER, J., Der (*N,N*-Dimethylaminoethyl)-cyclopentadienyl-Ligand in der Komplexchemie von Titan und Zirkon *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 486 pp. 291-295 (1995)
HERRMANN, W.A., MORAWIETZ, M.J.A., PRIERMEIER, T., MASHIMA, K., Cyclische Amine als intramolekulare Hilfsliganden in π-Komplexen des Titans *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 486 pp. 297-300 (1995)
CHEPRAKOV, A.V., PONOMAREVA, N.V., BELETSKAYA, I.P., Palladium catalyzed carbonylation of iodoarenes in aqueous solubilized systems *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 487 pp. 1-6 (1995)
BODIGE, S., PORTER, L.C., The binding of small nitrogen-containing heterocycles to neutral and cationic (pentamethyl-cyclopentadienyl) Ir(III) complexes and the X-ray crystal structure of an unexpected diaquo complex, $[(Cp)IrCl(H_2O)_2][PF_6]$ *[Univ. Texas, Dept. Chem., El Paso, TX, USA]*

Vol. 487 pp. 7-15 (1995)
ATWOOD, J.L., BOTT, S.G., JUNK, P.C., MAY, M.T., Liquid clathrate media containing transition metal halocarbonyl anions; formation and crystal structures of $[K^+\cdot 18\text{-crown-6}][Cr(CO)_5Cl]$, $[H_3O^+ 18\text{-crown-6}][W(CO)_5Cl]$, $[H_3O^+\cdot 18\text{-crown-6}][W(CO)_4Cl_3]$ *[Univ. Missouri, Dept. Chem., Columbia, MO, USA; Univ. Alabama, Dept. Chem., Tuscaloosa, AL, USA]*

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HÄNSSGEN, D., DÖRR, A., HENS, H., JESKE, R., Reaktionen mit primären Stannylphosphinen: Synthese offenkettiger und ring-oligomerer Zinn-Phosphorverbindungen *[Univ. Bonn, Inst. Anorgan. Chem., Bonn, Germany]*

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KEISTER, J.W., PARSONS, E.J., Thermal decomposition of palladium-*n*-alkyl complexes by hydrogen elimination *[Clemson Univ., Dept. Chem., Clemson, SC, USA]*

Vol. 487 pp. 29-34 (1995)
CHEN, Y.-X., RAUSCH, M.D., CHIEN, J.C.W., (1,3-Propanediyl)-silylene-bis(1-indenyl)dichlorozirconium. Synthesis and polymerization catalysis *[Univ. Massachusetts, Dept. Chem., Amherst, MA, USA; Univ. Massachusetts, Dept. Polymer Sci. & Engn., Mat. Res. Lab., Amherst, MA, USA]*

Vol. 487 pp. 35-39 (1995)
WILLIS, D.A., MCGINNIS, M.B., KABALKA, G.W., PAGNI, R.M., The bromination of vinylboronic acids on alumina *[Univ. Tennessee, Dept. Chem., Knoxville, TN, USA]*

Vol. 487 pp. 41-45 (1995)
BERTOZZI, S., CAMPIGLI, N., VITULLI, G., LAZZARONI, R., SALVADORI, P., Selective hydroformylation of open-chain conjugated dienes promoted by mesitylene-solvated rhodium atoms to give β,γ unsaturated monoaldehydes *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., CNR, Ctr. Macromolec. Stereordinate & Otticamente Att., Pisa, Italy]*

Vol. 487 pp. 47-53 (1995)
BARTA, N.S., KIRK, B.A., STILLE, J.R., Competitive intramolecular Ti-C versus Al-C alkene insertions: examining the role of Lewis acid cocatalysts in Ziegler-Natta alkene insertion and chain transfer reactions *[Michigan State Univ., Dept. Chem., East Lansing, MI, USA]*

Vol. 487 pp. 55-60 (1995)
YOSHIMORI, Y., CHO, C.S., UEMURA, S., Diacetoxylation of nonconjugated dienes with TeO_2 and the isolation of intermediate organotellurium compounds *[Kyoto Univ., Grad. Sch. Engn., Div. Energy & Hydrocarbon Chem., Kyoto, Japan]*

Vol. 487 pp. 61-64 (1995)
PARATIAN, J.M., LABBÉ, E., SIBILLE, S., NÉDÉLEC, J.Y., PÉRICHON, J., Electrochemical synthesis of trifluoromethyl-cadmium and trifluoromethylzinc species using bromotrifluoro-methane and sacrificial anodes *[CNRS, Electrochim. Catalyse & Synthese Organ. Lab., Thiais, France]*

Vol. 487 pp. 65-68 (1995)
HUBBARD, J.L., ZOCH, C.R., Formation and reactivity of the chloromethyl π-allyl complex $(\eta^5\text{-}C_5Me_5)Ru(\eta^3\text{-}C_3H_5)(CH_2Cl)Cl$ *[Utah State Univ., Dept. Chem. & Biochem., Logan, UT, USA]*

Vol. 487 pp. 69-75 (1995)
MERWIN, R.K., RODDICK, D.M., Synthesis and characterization of bifunctional *trans*-$(Ph_3P)_2Pt(CO_2Me)(X)$ complexes *[Univ. Wyoming, Dept. Chem., Laramie, WY, USA]*

Vol. 487 pp. 77-88 (1995)
DONG, T.-Y., LEE, S.-H., The effects of an interannular bridge on the electronic structure of ferrocenium cations *[Natl. Sun Yat Sen Univ., Dept. Chem., Kaohsiung, Taiwan]*

Vol. 487 pp. 89-93 (1995)
CUNICO, R.F., KUAN, C.P., A preparation of *N,N*-bis(trimethyl-silyl)allenamines *[North Illinois Univ., Dept. Chem., De Kalb, IL, USA]*

Vol. 487 pp. 95-104 (1995)
STOKES, H.L., NI, L.M., BELOT, J.A., WELKER, M.E., Reactions of transition-metal η^1-allyl and propargyl complexes with ketenes and some new nonoxidative transition-metal–carbon bond cleaving reactions of the ketene cycloadducts which yield cyclopentenones *[Wake Forest Univ., Dept. Chem., Winston Salem, NC, USA]*

Vol. 487 pp. 105-109 (1995)
BONI, G., OUDET, P., MOISE, C., Reactivity of bis(cyclopentadienyl)niobium and bis(cyclopentadienyl)tantalum trihydride towards bis(diorganosphosphino)alkanes $R_2P(CH_2)_nPR_2$ (R=Ph, n=1, 2 or 3; R=Me, n=1 or 2): synthesis of bimetallic dibridged complexes $[Cp_2M(\mu\text{-}H)($ *[Fac. Sci. Dijon, CNRS, URA*

1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France]

Vol. 487 pp. 111–118 (1995)
Woo, K., Willard, P.G., Sweigart, D.A., Duffy, N.W., Robinson, B.H., Simpson, J., The synthesis and electrophilic reactivity of manganese tricarbonyl complexes of the C-ring aromatic diterpenoid methyl *O*-methylpodocarpate *[Brown Univ., Dept. Chem., Providence, RI, USA; Univ. Otago, Dept. Chem., Dunedin, New Zealand]*

Vol. 487 pp. 119–125 (1995)
Bitterwolf, T.E., Hubler, T.L., Resolution of racemic mixtures of chiral arenechromiumtricarbonyl complexes using a Bakerbond Chiralcel HPLC column *[Univ. Idaho, Dept. Chem., Moscow, ID, USA]*

Vol. 487 pp. 127–130 (1995)
Dohmeier, C., Köppe, R., Robl, C., Schnöckel, H., Kristallstruktur von [Cp*BBr][$AlBr_4$] *[Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany]*

Vol. 487 pp. 131–137 (1995)
Le Bris, N., Yaouanc, J.-J., Clément, J.-C., Handel, H., Des Abbayes, H., Modes of complexation of linear tri- and tetraamines with Group 6 metal carbonyls *[UFR Sci. & Tech., CNRS, Unite Chim. Electrochim. Molec. & Chim. Analyt., Brest, France]*

Vol. 487 pp. 139–141 (1995)
Lambert, C., Hampel, F., Von Ragué Schleyer, P., Davidson, M.G., Snaith, R., The first solid-state structure of a mixed-anion ROLi/LiOH compound: $(^tBuOLi)_{10}\cdot(LiOH)_6$ *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Organ. Chem., Erlangen, Germany; Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 487 pp. 143–149 (1995)
Esteruelas, M.A., Oliván, M., Oro, L.A., Tolosa, J.I., Hydrosilylation of phenylacetylene catalyzed by $[Ir(COD)(\eta^2\text{-}^iPr_2PCH_2CH_2OMe)][BF_4]$ *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain]*

Vol. 487 pp. 151–162 (1995)
Manning, A.R., Boss, K., Cox, M.G., McCabe, A., Soye, P., Wade, S.C., McArdle, P.A., Cunningham, D., Preparation, fluxionality and some reactions of ring-linked $[Fe_2\{\eta,\eta\text{-}C_5H_4\text{-}A\text{-}B\text{-}C_5H_4\}(CO)_{4-n}(CNMe)_n])$ complexes *[Univ. Dublin, Trinity Coll., Dept. Chem., Dublin, Ireland; Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 487 pp. 163–166 (1995)
Magdesieva, T.V., Kukhareva, I.I., Artamkina, G.A., Beletskaya, I.P., Butin, K.P., Electrochemically induced aromatic nucleophilic substitution in *p*-diiodobenzene with $[(\eta^5\text{-}C_5H_5)Fe(CO)_2]^-$ and $[(\eta^5\text{-}C_5H_5)W(CO)_3]^-$-anions *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 487 pp. 167–171 (1995)
Seeley, A.J., Hudson, S., Sykes, P.D., Weise, W.B., Timms, P.L., Some reactions of metal atoms with arenes illustrating the importance of half sandwich molecules, M(arene), as reaction intermediates *[Univ. Bristol, Sch. Chem., Bristol, Avon, England]*

Vol. 487 pp. 173–176 (1995)
Batheja, R., Dhingra, S.K., Singh, A.K., N-[2-(4-methoxyphenyltelluro)ethyl]phthalimide: synthesis and complexation with palladium(II) *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India]*

Vol. 487 pp. 177–185 (1995)
Guennec, N., Moinet, C., Préparation de cations η^5-cyclopentadiényl-η^6-azobenzène fer(1+) *[Univ. Rennes 1, CNRS, URA 439, Electrochim. Lab., Rennes, France]*

Vol. 487 pp. 187–195 (1995)
Westerhausen, M., Pfitzner, A., Synthese sowie Vergleich der spektroskopischen Parameter und Molekülstrukturen von Bis(tetrahydrofuran-o)magnesium-bis[bis(trimethylsilyl)-phosphanid] und -arsanid] *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

Vol. 487 pp. 197–200 (1995)
Jääskeläinen, S., Pursiainen, J., Pakkanen, T.A., Unusual mixed metal cluster reactions: formation of the mixed metal chain $Rh_2Ru_3(CO)_{10}(\mu\text{-}SEt)_8$ *[Univ. Joensuu, Dept. Chem., Joensuu, Finland]*

Vol. 487 pp. 201–208 (1995)
Capon, J.F., Le Berre-Cosquer, N., Bernier, S., Pichon, R., Kergoat, R., L'Haridon, P., New synthesis of μ-allenylidene complexes from dimolybdenum carbenium ions crystal structure of $[\{Mo(\eta^5\text{-}C_5H_5)(CO)_2\}_2(\mu,\eta^2\text{-}C{=}C{=}C_6H_{10})]$ *[Univ. Bretagne Occidentale, Fac. Sci., CNRS, Unite Chim. Electrochim. Molec. & Chim. Analyt., Brest, France; Univ. Rennes Beaulieu, CNRS, Chim. Mat. Lab., Rennes, France]*

Vol. 487 pp. 209–214 (1995)
Beckett, M.A., Minton, P.R., Synthesis and spectroscopic characterization of 3,5-diaryl-*cyclo*-1,2,4-trithia-3,5-diborolanes, $Ar_2B_2S_3$ (Ar = Ph, 2-MeC_6H_4, 3-MeC_6H_4, 4-MeC_6H_4, 4-EtC_6H_4, 3,5-$Me_2C_6H_3$), and some related chemistry of boron-sulfur heterocyclic *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales]*

Vol. 487 pp. 215–221 (1995)
Kolehmainen, E., Laihia, K., Korvola, J., Kaganovich, V.S., Rybinskaya, M.I., Kerzina, Z.A., Mono-, bi and polynuclear complexes of dimethyldiphenylsilane, diphenylether and biphenyl with Cr, Co and Ru. Synthesis and ^1H, ^{13}C, ^{17}O and ^{29}Si NMR spectroscopic characterization *[Univ. Jyväskylä, Dept. Chem., Jyväskylä, Finland; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 487 pp. 223–226 (1995)
Hassler, K., Köll, W., Synthese und Eigenschaften von 1,1,2,2-Tetrachlor- und 1,1,2,2-Tetrafluordisilan *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 487 pp. 227–233 (1995)
Cross, R.J., Kennedy, A.R., Muir, K.W., Palladium(II) and platinum(II) complexes formed from C_6H_4-1,3-$(CH_2PCy_2)_2$ (Cy = Cyclohexyl); crystal and molecular structures of $[PdX\{C_6H_3\text{-}2,6\text{-}(CH_2PCy_2)_2\}]$, X = Cl and Br *[Univ. Glasgow, Dept. Chem., Glasgow, Lanark, Scotland]*

Vol. 487 pp. 235–243 (1995)
Müller, P., Gangnus, B., Pritzkow, H., Schulz, H., Stephan, M., Siebert, W., Synthese, Struktur und Eigenschaften neuer Übergangsmetallkomplexe des 9,10-Dihydro-9,10-dimethyl-9,10-diboraanthracens *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 487 pp. 245–252 (1995)
Schumann, H., Lentz, A., Weimann, R., Die 1,3-Diphenylcyclopentadienylkomplexe von Natrium, Indium(I), Thallium(I) und Eisen(II): Röntgenstrukturanalyse von $Tl(C_5H_3Ph_2)(THF)$ und $Fe(C_5H_3Ph_2)_2$ *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 487 pp. 253–255 (1995)
ASTLEY, D.K., ASTLEY, S.T., A beneficial effect of ortho-substituents in the arylation of (benzene)tricarbonyl-manganese(1+) hexafluorophosphate(1-) *[Ege Univ., Fac. Sci., Dept. Chem., Izmir, Turkey]*

Vol. 487 pp. 257–262 (1995)
ASHWORTH, A., HARRISON, P.G., The gas phase thermolysis and oxidative thermolysis of some homoleptic tetraalkylstannanes: an FT-IR study *[Univ. Nottingham, Dept. Chem., Nottingham, England]*

Vol. 487 pp. 263–266 (1995)
KETKOV, S.YU., TRAKARNPRUK, W., ERNST, R.D., Optical absorption study of "half-open ferrocene" and "open ferrocene" *[Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia; Univ. Utah, Dept. Chem., Salt Lake City, UT, USA]*

Vol. 487 pp. 267–271 (1995)
SZALAY, R., KNAUSZ, D., SZAKÁCS, L., ÚJSZÁSZY, K., SOHÁR, P., Preparation and solvolysis kinetics of trimethylsilyl *N*-alkyl-*N*-phenyl-carbamates *[Loránd Eötvös Univ., Dept. Gen. & Inorgan. Chem., Budapest, Hungary]*

Vol. 487 pp. 273–277 (1995)
ADAM, W., SCHUHMANN, R.M., Synthesis of epoxyferrocenes by the oxidation of acyl- and allyl-substituted ferrocenes with dimethyldioxirane *[Univ. Würzburg, Inst. Organ. Chem., Würzburg, Germany]*

Vol. 487 pp. C1–C4 (1995)
HARTUNG, H., KRUG, A., BÖTTCHER, H.-C., X-ray crystal structure of $[FeRh(CO)_6(\mu\text{-}P^tBu_2)]$(Fe-Rh): a molecule with two semibridging carbonyl ligands *[Martin Luther Univ. Halle Wittenberg, Inst. Allgemeine & Anorgan. Chem., Halle, Germany; Martin Luther Univ. Halle Wittenberg, Inst. Phys. Chem., Halle, Germany]*

Vol. 487 pp. C5–C7 (1995)
COWLEY, A.H., GABBAI, F.P., OLBRICH, F., CORBELIN, S., LAGOW, R.J., Surprising stability of a monomeric bis azide of gallium(III) *[Univ. Texas, Dept. Chem. & Biochem., Austin, TX, USA]*

Vol. 487 pp. C8–C14 (1995)
KAJITANI, M., SUETSUGU, T., TAKAGI, T., AKIYAMA, T., SUGIMORI, A., AOKI, K., YAMAZAKI, H., Formation, structure, spectra, and reactivity of the adduct between (η^5-cyclopentadienyl)(1,2-dimethoxycarbonyl-1,2-ethylenedithiolato)rhodium(III) and dimethyl acetylenedicarboxylate *[Sophia Univ., Fac. Sci. & Technol., Dept. Chem., Tokyo, Japan; Inst. Phys. & Chem. Res., Wako, Saitama, Japan]*

Vol. 487 pp. C15–C17 (1995)
KONDRATENKO, M.A., MALÉZIEUX, B., GRUSELLE, M., BONNET-DELPON, D., BÉGUÉ, J.-P., Preparation, isolation and chemical reactivity of the α-CF_3-propargylium ion stabilized by a heterobimetallic [Co-Mo] cluster *[Ecole Natl. Super Chim., Chim. Organomet. Lab., Paris, France; Fac. Pharm. Chatenay-Malabry, BIOCIS, Châtenay-Malabry, France]*

Vol. 487 pp. C18–C20 (1995)
JACOB, K., SCHÄFER, M., STEINER, A., SHELDRICK, G.M., EDELMANN, F.T., Neuartige Koordination eines Cyclopentadienylrings im heterotrimetallischen Organoyttrium-Komplex $Li[Cp_2Y(FcN)_2]$ (FcN=2-Dimethylaminomethyl-ferrocenyl) *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany; Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Merseburg, Germany]*

Vol. 487 pp. C21–C23 (1995)
CLOKE, F.G.N., FLOWER, K.R., JONES, C., MATOS, R.M., NIXON, J.F., Synthesis, characterization and fluxional behaviour of $[Ni(\eta^5\text{-}P_2C_3Bu^t_3)(\eta^3\text{-}P_2C_3Bu^t_3)]$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England; Univ. Fed. Minas Gerais, ICEX, Dept. Quim., Belo Horizonte, MG, Brazil]*

Vol. 487 pp. C24–C26 (1995)
DREOS-GARLATTI, R., GEREMIA, S., RANDACCIO, L., RUFFINI, S., TAUZHER, G., Synthesis and characterization of [pyRh(salen)adam], an adamantyl Rh^{III} complex containing bis(salicylaldehyde)ethylendiiminate as equatorial ligand *[Univ. Trieste, Dipartimento Sci. Chim., Trieste, Italy; Univ. Ancona, Dipartimento Sci. Mat. & Terra, Ancona, Italy]*

Vol. 488 pp. 1–7 (1995)
OSELLA, D., MILONE, L., NERVI, C., RAVERA, M., Electronic interactions in organometallic dimers. An electrochemical approach *[Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy]*

Vol. 488 pp. 9–14 (1995)
STRUCHKOV, YU.T., LINDEMAN, S.V., Structures of polymetallaorganosiloxanolates – a novel class of organosilicon metal complexes *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 488 pp. 15–24 (1995)
STRÄHLE, J., Synthesis of cluster compounds by photolysis of azido complexes *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

Vol. 488 pp. 25–28 (1995)
AMARATUNGA, S., ALPER, H., Catalytic carbonylation of benzylic and allylic bromides by a rhodium zwitterionic complex under phase transfer catalysis conditions *[Univ. Ottawa, Dept. Chem., Ottawa, ONT, Canada]*

Vol. 488 pp. 29–38 (1995)
ABUGIDEIRI, F., KEOGH, D.W., KRAATZ, H.-B., PEARSON, W., POLI, R., Instability of 15-electron Cp^*MoCl_2L (L=2-electron donor) derivatives. X-ray structure of $Cp^*MoCl_2(PMe_2Ph)_2$ and $[Cp^*MoCl_2(PMe_2Ph)_2]AlCl_4$ *[Univ. Maryland, Dept. Chem. & Biochem., College Park, MD, USA; USN Acad., Dept. Chem., Annapolis, MD, USA]*

Vol. 488 pp. 39–45 (1995)
LEONI, P., PASQUALI, M., BERINGHELLI, T., D'ALFONSO, G., MINOJA, A.P., New mono- and di-phosphido-bridged Pd^I dimers. Formation of tertiary dialkyl(allyl) phosphines from an allyl complex with a secondary phosphine *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., Pisa, Italy; Scuola Normale Super Pisa, Pisa, Italy; Univ. Milan, Dept. Inorgan. & Organomet. Chem., Milan, Italy]*

Vol. 488 pp. 47–53 (1995)
COSTA, M., DIAS, F.S., CHIUSOLI, G.P., GAZZOLA, G.L., A new cyclopentadiene and its use as a ligand for catalytically active rhodium complexes *[Univ. Parma, Dipartimento Chim. Organ. & Ind., Parma, Italy]*

Vol. 488 pp. 55–61 (1995)
CARCELLI, M., PELIZZI, C., PELIZZI, G., MAZZA, P., ZANI, F., The different behaviour of the di-2-pyridylketone 2-thenoylhydrazone in two organotin compounds. Synthesis, X-ray structure and biological activity *[Univ. Parma, Ist. Chim. Gen. & Inorgan., Parma, Italy; Univ. Parma, Dipartimento Farmaceut., Parma, Italy]*

Vol. 488 pp. 63–71 (1995)
Li, Y.W., Newton, M.G., King, R.B., Dialkylaminophosphorus metal carbonyls. 12. Insertion of phosphorus, sulfur, and selenium into the $(^iPr_2NP)_2Fe_2(CO)_6$ unit and a novel product from the reaction of $(^iPr_2NP)_2COFe_2(CO)_6$ with $PhBCl_2$ *[Univ. Georgia, Dept. Chem., Athens, GA, USA]*

Vol. 488 pp. 73–78 (1995)
Green, M.L.H., Morise, X.M., Hamilton, A.H., Chernega, A.N., Reductive carbonylations reactions of primary phosphine mono-η-cyclopentadienyltungsten(V) compounds *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; Univ. Oxford, Chem. Crystallogr. Lab., Oxford, Oxon, England]*

Vol. 488 pp. 79–83 (1995)
Tollari, S., Palmisano, G., Demartin, F., Grassi, M., Magnaghi, S., Cenini, S., Synthesis, X-ray structure and reactivity of cyclopalladated complexes of 1*H*-indole-3-carboxaldehyde *[Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy; Univ. Milan, CNR Ctr., Milan, Italy; Dipartimento Chim. Organ. & Ind., Milan, Italy; Univ. Milan, CNR Ctr., Ist. Chim. Strutturist. Inorgan., Milan, Italy]*

Vol. 488 pp. 85–90 (1995)
Bodensieck, U., Vahrenkamp, H., Rheinwald, G., Stoeckli-Evans, H., Ruthenium carbonyl complexes with polyfunctional phosphine ligands *[Albert Ludwigs Univ., Inst. Anorgan. & Analyt. Chem., Freiburg, Germany; Univ. Neuchâtel, Inst. Chim., Neuchâtel, Switzerland]*

Vol. 488 pp. 91–97 (1995)
Bianchini, C., Peruzzini, M., Farnetti, E., Kaspar, J., Graziani, M., Chemoselective reduction of α,β-unsaturated ketones catalyzed by transition metal complexes with polydentate ligands *[CNR, Ist. Studio Stereochim. & Energet. Composti Coord., Florence, Italy; Univ. Trieste, Dipartimento Sci. Chim., Trieste, Italy]*

Vol. 488 pp. 99–108 (1995)
Darensbourg, D.J., Stafford, N.W., Joó, F., Reibenspies, J.H., Water-soluble organometallic compounds. 5. The regio-selective catalytic-hydrogenation of unsaturated aldehydes to saturated aldehydes in an aqueous two-phase solvent system using 1,3,5-triaza-7-phosphaadamantane complexes of rhodium *[Texas A&M Univ., Dept. Chem., College Station, TX, USA; Lajos Kossuth Univ., Inst. Phys. Chem., Debrecen, Hungary]*

Vol. 488 pp. 109–114 (1995)
Roberto, D., Cariati, E., Psaro, R., Ugo, R., Surface organometallic chemistry: the easy conversion of $[Ir_6(CO)_{16}]$ supported on silica into $[Ir_4(CO)_{12}]$ *[Univ. Milan, Dept. Inorgan. & Organomet. Chem., Milan, Italy; Univ. Milan, CNR Ctr., Milan, Italy]*

Vol. 488 pp. 115–125 (1995)
Cauzzi, D., Lanfranchi, M., Marzolini, G., Predieri, G., Tiripicchio, A., Costa, M., Zanoni, R., Anchoring rhodium(I) on benzoylthiourea-functionalized silica xerogels. Production of recyclable hydroformylation catalysts and the crystal structure of the model compound [Rh(cod)(Hbztu)Cl] *[Univ. Parma, Ist. Chim. Gen. & Inorgan., CNR, Ctr. Studio Strutturist Diffrattometr., Parma, Italy; Univ. Parma, Dipartimento Chim. Organ. & Ind., Parma, Italy; Univ. Roma La Sapienza, Dipartimento Chim., Rome, Italy]*

Vol. 488 pp. 127–131 (1995)
Mandai, T., Tsuiguchi, Y., Matsuoka, S., Saito, S., Tsuji, J., Preparation of α-vinylidene-γ-lactones by palladium-catalyzed carbonylation of 5-hydroxy-2-alkynyl methyl carbonates under mild conditions *[Okayama Univ. Sci., Dept. Appl. Chem., Okayama, Japan; Okayama Univ., Fac. Engn., Dept. Bioengn. Sci., Okayama, Japan]*

Vol. 488 pp. 133–139 (1995)
Albano, V.G., Busetto, L., Carlucci, L., Cassani, M.C., Monari, M., Zanotti, V., Synthesis of dinuclear iron and ruthenium aminoalkylidene complexes and the molecular structure of the novel *cis*-$[Ru_2(CO)_2(Cp)_2\{\mu\text{-}C(CN)N(Me)Bz\}_2]$ (Cp = η-C_5H_5; Bz = CH_2Ph) *[Univ. Bologna, Dipartimento Chim. Fis. & Inorgan., Bologna, Italy; Univ. Bologna, Dipartimento Chim. G. Ciamician, Bologna, Italy]*

Vol. 488 pp. 141–154 (1995)
Carofiglio, T., Floriani, C., Roth, A., Sgamellotti, A., Rosi, M., Chiesi-Villa, A., Rizzoli, C., A novel class of hexanuclear titanoxanes: synthesis, structure and electronic configuration *[Univ. Lausanne 3, Inst. Chim. Minerale & Analyt., Lausanne, Switzerland; CUNY City Coll., Dept. Chem., New York, NY, USA; Univ. Perugia, Dipartimento Chim., Perugia, Italy; Univ. Parma, Dipartimento Chim., Parma, Italy]*

Vol. 488 pp. 155–160 (1995)
Al-Juaid, S.S., Al-Nasr, A.A.K., Ayoko, G.A., Eaborn, C., Hitchcock, P., The geometry of SiOCN and SiNCO linkages. The crystal structures of $(Me_3Si)_2(Ph_2MeSi)CSiMe_2OCN$ and $(PhMe_2Si)_3CSiMe_2NCO$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 488 pp. 161–167 (1995)
Joshi, A.M., MacFarlane, K.S., James, B.R., Kinetics and mechanism of H_2-hydrogenation of styrene catalyzed by $[RuCl(dppb)(\mu\text{-}Cl)]_2$ (dppb = 1,4-bis(diphenylphosphino)butane). Evidence for hydrogen transfer from a dinuclear molecular hydrogen species *[Univ. British Columbia, Dept. Chem., Vancouver, BC, Canada]*

Vol. 488 pp. 169–176 (1995)
Braun, T., Steinert, P., Werner, H., Vinylidene transition metal complexes. XXXIV. The preparation and structure of neutral vinylidene and allenylidene ruthenium(II) compounds of the half-sandwich type containing $^iPr_2PCH_2CO_2Me$ as supporting ligand *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 488 pp. 177–182 (1995)
Temme, B., Erker, G., Oxidative η^2-iminoacyl formation by reaction of amidozirconocene complexes with tris(pentafluorophenyl)borane *[Univ. Münster, Inst. Organ. Chem., Münster, Germany]*

Vol. 488 pp. 183–190 (1995)
Moiseev, I.I., Pd_4 clusters: the sensitivity of the cluster metal core geometry to the surrounding ligands *[Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia]*

Vol. 488 pp. 191–197 (1995)
Van de Kuil, L.A., Veldhuizen, Y.S.J., Grove, D.M., Zwikker, J.W., Jenneskens, L.W., Drenth, W., Smeets, W.J.J., Spek, A.L., Van Koten, G., A novel enantiopure proline-based organonickel(III) halide monocation with a pentadentate C, N_2, O_2-bonded bis(*ortho*-chelating) aryldiamine ligand *[Univ. Utrecht, Debye Inst., Dept. Met. Mediated Synth., Utrecht, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 488 pp. 199–204 (1995)
DELLA PERGOLA, R., GARLASCHELLI, L., MANASSERO, M., MASCIOCCHI, N., Octahedral iridium carbonyl clusters. Synthesis, characterization and solid state structure of the nitrosyl cluster $[Ir_6(CO)_{11}(\mu\text{-}CO)_3NO]^-$ *[Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy; Univ. Milan, CNR Ctr., Ist. Chim. Strutturist. Inorgan., Milan, Italy]*

Vol. 488 pp. 205–210 (1995)
HODGE, A.J., INGHAM, S.L., KAKKAR, A.K., KHAN, M.S., LEWIS, J., LONG, N.J., PARKER, D.G., RAITHBY, P.R., Donor-acceptor-based vinylidene and σ-acetylide complexes of ruthenium and osmium *[Univ. Cambridge, Chem. Lab., Cambridge, England; McGill Univ., Dept. Chem., Montreal, PQ, Canada; ICI PLC, Res. & Testing Affairs Grp., Cleveland, England]*

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ARESTA, M., QUARANTA, E., Novel, CO_2-promoted synthesis of anhydrous alkylammonium tetraphenylborates: a study on their reactivity as intra- and inter-molecular proton-transfer agents *[Univ. Bari, Dipartimento Chim., Bari, Italy; CNR, Ctr. Miso, Bari, Italy]*

Vol. 488 pp. 223–232 (1995)
KRAATZ, H.-B., MILSTEIN, D., The reactions of tridentate cationic palladium(II) complexes with olefins and nucleophiles *[Weizmann Inst. Sci., Dept. Organ. Chem., Rehovot, Israel]*

Vol. 488 pp. 233–240 (1995)
JIANG, Q.Z., RÜEGGER, H., VENANZI, L.M., Determination of the absolute configurations of the epimers of the P-chiral phosphine $Ph_2PCH_2CH_2P^*Ph$(*l*-(-)-menthyl) by use of two-dimensional NMR spectroscopy in combination with a palladium(II) "reporter complex" *[ETH Zürich, Anorgan. Chem. Lab., Zürich, Switzerland]*

Vol. 488 pp. 241–248 (1995)
HITCHCOCK, P.B., LAPPERT, M.F., LIU, D.-S., Transformation of the bis(trimethylsilyl) methyl into a 1,3-diaza-allyl ligand. Synthesis and crystal structures of $[K\{N(R)C(Ar)NC(Ar)CHR\}(NCAr)]_2$ and $[\{UCl(\mu\text{-}Cl)(L)(NR)\}_2][UCl_2(L)(L')]_2$ [R=$SiMe_3$; Ar=$C_6H_3Me_2$-2,5; L=N(R)C(Ph)C(H)C(P *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 488 pp. 249–255 (1995)
PAIARO, G., PANDOLFO, L., GANIS, P., VALLE, G., FIORETTO, S.D., Rhodium(III) complexes of (*EEE*)-1,5,9-Cyclododecatriene. Syntheses, structures and absolute configurations of derivatives of *catena*-poly-[μ-dichloro-(1,2,12-η)-1,5,8 cyclododecatrienylrhodium) *[Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy; Univ. Napoli Federico II, Dipartimento Chim., Naples, Italy; Univ. Padua, Dipartimento Chim. Organ., CNR, Ctr. Studio Biopolimeri, Padua, Italy]*

Vol. 488 pp. C1–C3 (1995)
SHEN, J.K., BASOLO, F., KUBAS, G.J., The role of SO_2 as a ligand to mediate associative substitution reactions of some 18-electron molybdenum complexes *[Northwestern Univ., Dept. Chem., Evanston, IL, USA; Los Alamos Natl. Lab., Inorgan. & Struct. Chem. Grp., Los Alamos, NM, USA]*

Vol. 488 pp. C4–C8 (1995)
VEYA, P.L., KOCHI, J.K., Structural and spectral characterization of novel charge-transfer salts of polyoxometalates and the cationic ferrocenyl donor *[Univ. Houston, Dept. Chem., Houston, TX, USA]*

Vol. 488 pp. C9–C10 (1995)
LAVASTRE, O., DIXNEUF, P.H., Synthesis of methacrylate monomers from alkynes and arenealkenylruthenium(II) catalyst *[Univ. Rennes 1, CNRS, URA 415, Chim. Coordinat. Organ. Lab., Rennes, France]*

Vol. 488 pp. C11–C12 (1995)
WANG, Z.-Q., TURNER, M.L., KUNICKI, A.R., MAITLIS, P.M., Vinyl-plus-vinyl coupling in rhodium complexes: formation of [$(C_5Me_5)RhBr(\eta^3$-*syn*-1-methylallyl)] by reaction of [$(C_5Me_5)RhBr_2(Me_2SO)$] with vinylmagnesium bromide in homogeneous solution *[Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 488 pp. C13–C14 (1995)
DE FELICE, V., DE RENZI, A., PANUNZI, A., TESAURO, D., *cis*-(hydrido)hydrocarbylplatinum(IV) complexes as intermediates in the Pt^{II}–C bond breaking *[Univ. Napoli Federico II, Dipartimento Chim., Naples, Italy; Univ. Molise, Fac. Agr., Campobasso, Italy]*

Vol. 488 pp. C15–C19 (1995)
DELLEDONNE, D., RIVETTI, F., ROMANO, U., Oxidative carbonylation of methanol to dimethyl carbonate (DMC): a new catalytic system *[Enichem Synth., Dept. Res. & Dev, San Donato Milanese, Italy; Enichem Spa, Ist. G. Donegani, Novara, Italy]*

Vol. 488 pp. C20–C22 (1995)
BASOLI, C., BOTTEGHI, C., CABRAS, M.A., CHELUCCI, G., MARCHETTI, M., Hydroformylation of some functionalized olefins catalyzed by rhodium(I) complexes with pydiphos and its *P*-oxide *[CNR, Ist. Applicaz. Tecn. Chim. Avanzate Problemi Agr., Sassari, Italy; Univ. Venezia, Dipartimento Chim., Venice, Italy; Univ. Sassari, Dipartimento Chim., Sassari, Italy]*

Vol. 489 pp. 1–4 (1995)
HUNG, J.-T., LAMMERTSMA, K., Conjugative effects in $W(CO)_5$ complexed phosphirane rings illustrated by substituent effects on ^{31}P NMR chemical shifts *[Univ. Alabama, Dept. Chem., Birmingham, AL, USA]*

Vol. 489 pp. 5–13 (1995)
CRANDALL, J.K., MOREL-FOURRIER, C., Siloxanes from the hydrolysis of isopropyltrimethoxysilane *[Indiana Univ., Dept. Chem., Bloomington, IN, USA]*

Vol. 489 pp. 15–22 (1995)
FANG, M.-C., WATANABE, A., MATSUDA, M., Synthesis of silylene-phenylene and silylene-thienylene copolymers and their optical properties *[Tohoku Univ., Inst. Chem. React Sci., Sendai, Miyagi, Japan]*

Vol. 489 pp. 23–25 (1995)
PARK, J.W., SEO, Y.S., CHO, S.S., WHANG, D.M., KIM, K.M., CHANG, T.Y., Formation of 1,1,12,12-tetramethyl[1.1]silaferrocenophane and poly(ferrocenylsilane) in the reaction of ferrous chloride with the dilithium salt of dicyclopentadienyldimethylsilanes *[Rist, Div. Organ. Mat., Kyung-Buk, South Korea; Postech, Dept. Chem., Kyung-Buk, South Korea]*

Vol. 489 pp. 27–34 (1995)
AHN, S.Y., SPERBER, W., FEHLHAMMER, W.P., Reaktionen mit koordinierten Trichloromethylisocyanid. VI. Synthese und Reaktionen von Pentacarbonyl{tris(imidazol-1-yl)-methylisocyanid}chrom *[Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 489 pp. 35–41 (1995)
ECKERT-MAKSIC, M., GOLIC, M., PASA-TOLIC, L., Photoelectron

spectroscopic study of novel Group 14 functionalized vinylcyclopropenes *[Rudjer Boskovic Inst., Zagreb, Croatia]*

Vol. 489 pp. 43–50 (1995)
BOWN, M., WATERS, J.M., Organoruthenaborane chemistry. Part 10. Preparation, molecular structure, and nuclear magnetic resonance properties of [6,9-(η^6-pcym)$_2$-*nido*-6,9-$Ru_2B_8H_{12}$] *[Massey Univ., Dept. Chem. & Biochem., Palmerston North, New Zealand]*

Vol. 489 pp. 51–62 (1995)
FEULNER, H., METZLER, N., NÖTH, H., Beiträge zur Chemie des Bors, 226: Funktionalisierung von Alkinylboranen-Umsetzung mit nucleophilen *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 489 pp. 63–70 (1995)
HUANG, T.-Y., CHEN, C.-T., GAU, H.-M., The synthesis, characterizations and structures of Group 4 metal-chromium complexes bridged by an $OC_6H_4CH_3$ group *[Natl. Chung-Hsing Univ., Dept. Chem., Taichung, Taiwan]*

Vol. 489 pp. 71–75 (1995)
NAKATA, K., MIYATA, T., TANIGUCHI, Y., TAKAKI, K., FUJIWARA, Y., Carboxylation of gaseous alkanes with CO catalyzed by Pd-Cu-based catalysts: a spectroscopic study *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan]*

Vol. 489 pp. 77–81 (1995)
LANG, H., LEISE, M., SCHMITZER, A., Synthese und Reaktionsvergalten Chloro-funktionalisierter Alkynyl-Phosphane; stufeweise Darstellung von σ^3,λ^4-Phosphandiyl-Komplexen mit einer Phosphor-Cobalt- bzw. Phosphor-Molybdän-Doppelbindung *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 489 pp. 83–91 (1995)
KONDO, T., KAJIYA, S., TANTAYANON, S., WATANABE, Y., Ruthenium complex-catalyzed novel transformation of alkyl formates *[Kyoto Univ., Grad. Sch. Engn., Div. Energy & Hydrocarbon Chem., Kyoto, Japan; Chulalongkorn Univ., Fac. Sci., Dept. Chem., Bangkok, Thailand]*

Vol. 489 pp. 93–99 (1995)
BIKRANI, M., GARRALDA, M.A., IBARLUCEA, L., PINILLA, E., Rhodium complexes with diimines derived from glyoxal: crystal structure of [Rh($SnCl_3$)(NBD)(GCH)] (NBD = norbornadiene; GCH = glyoxal bis(cyclohexylimine)) *[Univ. País Vasco, Fac. Ciencias Quim., San Sebastián, Spain; Univ. Complutense Madrid, Fac. Ciencias Quim., Dept. Quim. Inorgan., Madrid, Spain]*

Vol. 489 pp. 101–106 (1995)
AALITI, A., MASDEU, A.M., RUIZ, A., CLAVER, C., Preparation of carbonyl phosphine rhodium complexes with dithiolate bridges. Application as catalyst precursors in the hydroformylation of 1-hexene *[Univ. Rovira & Virgili, Fac. Quim., Dept. Quim., Tarragona, Spain]*

Vol. 489 pp. 107–112 (1995)
RAGAINI, F., PIZZOTTI, M., CENINI, S., ABBOTTO, A., PAGANI, G.A., DEMARTIN, F., New chelating nitrogen ligands and their application to the catalytic reduction of nitrobenzene to aniline. X-ray structure of [Rh($CO)_2$(BBOM)] (HBBOM = bis(2-benzoxazolyl)methane) *[Univ. Milan, Dept. Inorgan. & Organomet. Chem., Milan, Italy; Univ. Milan, CNR Ctr., Milan, Italy; Dipartimento Chim. Organ. & Ind., Milan, Italy; Univ. Milan, CNR Ctr., Ist. Chim. Strutturist. Inorgan., Milan, Italy]*

Vol. 489 pp. 113–122 (1995)
SHYU, S.-G., WU, W.-J., WEN, Y.-S., PENG, S.-M., LEE, G.-H., Synthesis, structure and substitution reactions of the binuclear phosphido-bridged complex Cp($CO)_2$W(μ-PPh_2)W($CO)_5$ *[Acad. Sinica, Inst. Chem., Taipei, Taiwan; Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 489 pp. 123–127 (1995)
DILLER, H., KECK, H., WUNDERLICH, H., KUCHEN, W., Stepwise synthesis of "trimetallic" dithiophosphinato clusters containing a cubane-type Mo_2WCuS_4 cluster core *[Univ. Düsseldorf, Inst. Anorgan. Chem. & Strukturchem., Düsseldorf, Germany]*

Vol. 489 pp. 129–135 (1995)
BARRADO, G., MIGUEL, D., RIERA, V., GARCÍA-GRANDA, S., η^3-allyl molybdenum dithiophosphate and dithiophosphinate complexes with uni- and bidentate nitrogen donor ligands. X-ray structure of [Mo_2 *[Univ. Oviedo, Inst. Quim. Organomet. Enrique Moles, Dept. Quim. Organ. & Inorgan., Oviedo, Spain; Univ. Oviedo, Fac. Quim., Dept. Quim. Fis. & Analit., Oviedo, Spain]*

Vol. 489 pp. 137–143 (1995)
PARATIAN, J.M., LABBÉ, E., SIBILLE, S., PÉRICHON, J., Electrosynthesis of (trifluoromethyl)copper complexes from bromotrifluoromethane: reactivities with various organic halides *[CNRS, Electrochim. Catalyse & Synthese Organ. Lab., Thiais, France]*

Vol. 489 pp. 145–151 (1995)
FEDUSHKIN, I.L., BOCHKAREV, M.N., SCHUMANN, H., ESSER, L., KOCIOK-KÖHN, G., Binuclear complexes of La(III) and Eu(II) with the bridging naphthalene dianion. Synthesis and X-ray crystallographic analysis of [μ_2-η^4:η^4-$C_{10}H_8$][$LaI_2(THF)_3]_2$ and [μ_2-η^4:η^4-$C_{10}H_8$)(EuI$(DME)_2]_2$ *[Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia; Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 489 pp. 153–159 (1995)
CANTY, A.J., JIN, H., ROBERTS, A.S., TRAILL, P.R., SKELTON, B.W., WHITE, A.H., Synthetic and structural studies of methyl- and phenylpalladium(II) complexes of poly(pyrazol-1-yl)-borates, and the η^3-allylpalladium(II) complex Pd(η^3-C_3H_5){$(pz)_3$BH-*N,N'*} *[Univ. Tasmania, Dept. Chem., Hobart, TAS, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 489 pp. 161–164 (1995)
COX, P.J., HOWIE, R.A., MELVIN, O.A., WARDELL, J.L., X-ray and NMR study of the structure of the organotin carbohydrate: 6-deoxy-1,2-*O*-isopropylidene-6-(triphenylstannyl)-α-D-glucofuranose *[Robert Gordon Univ., Sch. Pharm., Aberdeen, Scotland; Univ. Aberdeen, Dept. Chem., Aberdeen, Scotland]*

Vol. 489 pp. 165–173 (1995)
OHSHITA, J., KANAYA, D., WATANABE, T., ISHIKAWA, M., Polymeric organosilicon systems. XXIII. Synthesis and photochemical and thermal properties of (*E*)- and (*Z*)-poly[(disilanylene)ethenylenes] *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan]*

Vol. 489 pp. 175–179 (1995)
HILMERSSON, G., DAVIDSSON, Ö., Solution structure of a key intermediate used in asymmetric alkylation reactions. ^{1}H,^{1}H-NOESY and ^{6}Li,^{1}H-HOESY studies of mixtures of a chiral lithium amide and n-butyllithium *[Gothenburg Univ., Dept. Organ. Chem., Gothenburg, Sweden]*

Vol. 489 pp. 181–183 (1995)
ALMANSOUR, A.I., EABORN, C., Preparation of (^{i}PrMe$_2$Si)$_3$CH

and its use as a source of the bulky ligand (^{t}PrMe$_2$Si)$_3$C *[King Saud Univ., Dept. Chem., Riyadh, Saudi Arabia; Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 489 pp. 185–194 (1995)
DITTMAR, U., HENDAN, B.J., FLÖRKE, U., MARSMANN, H.C., Funktionalisierte Octa-(propylsilsesquioxane) (3-XC$_3$H$_6$)$_8$(Si$_8$O$_{12}$) Modellverbindungen für oberflächenmodifizierte Kieselgele *[Univ. Gesamthsch. Paderborn, Fachbereich Chem. & Chem. Tech., Paderborn, Germany]*

Vol. 489 pp. 195–199 (1995)
BARRY, S., KUCHT, A., KUCHT, H., RAUSCH, M.D., Functionally substituted derivatives of (η^5-cyclopentadienyl)triisopropoxytitanium and (η^5-cyclopentadienyl)trichlorotitanium *[Univ. Massachusetts, Dept. Chem., Amherst, MA, USA]*

Vol. 489 pp. 201–205 (1995)
WRACKMEYER, B., SCHWARZE, B., MILIUS, W., Reactions between tetraalkyldiboranes(6) and disilazanes – A convenient route to N-silylamino-dialkylboranes *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 489 pp. 207–214 (1995)
SZYMANSKA-BUZAR, T., GLOWIAK, T., Photochemical reaction of W(CO)$_6$ with SnCl$_4$. I. Synthesis and X-ray structure of tri-μ-chloro-trichlorostannate-heptacarbonylditungsten(II) [(CO)$_4$W(μ-Cl)$_3$W(SnCl$_3$)(CO)$_3$] *[Univ. Wroclaw, Inst. Chem., Wroclaw, Poland]*

Vol. 489 pp. 215–219 (1995)
FUKUMOTO, Y., YAMAGUCHI, S., CHATANI, N., MURAI, S., Ring-opening silylformylation of oxetanes catalyzed by [RhCl(CO)$_2$]$_2$-amine *[Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

Vol. 489 pp. C1–C3 (1995)
CONTRERAS, L., COWLEY, A.H., GABBAI, F.P., JONES, R.A., CARRANO, C.J., BOND, M.R., An intramolecularly base-stabilized monomeric organoaluminum dihydride *[Univ. Texas, Dept. Chem. & Biochem., Austin, TX, USA; South-West Texas State Univ., Dept. Chem., San Marcos, TX, USA]*

Vol. 489 pp. C4–C6 (1995)
SHAW, S.L., MORRIS, R.J., HUFFMAN, J.C., Monoindenyl halides of zirconium and hafnium. The preparation of [(η^5-C$_9$H$_7$)ZrCl$_3$]$_n$ and [(η^5-C$_9$H$_7$)HfCl$_2$(μ-Cl)]$_2$ and the crystal structure of [(η^5-C$_9$H$_7$)HfCl$_2$(μ-Cl)]$_2$ *[Ball State Univ., Dept. Chem., Muncie, IN, USA; Indiana Univ., Ctr. Molec. Struct., Bloomington, IN, USA]*

Vol. 489 pp. C7–C8 (1995)
BÉGUÉ, J.-P., ROCK, M.H., Conversion of trifluoromethyl carbonyl compounds to the corresponding vinylsilanes with cyclopentadienyl *tris*(trimethylsilylmethyl)titanium(IV) *[Ctr. Etud. Pharmaceut., BIOCIS, CNRS, Châtenay-Malabry, France]*

Vol. 489 pp. C9–C11 (1995)
POLA, J., PARSONS, J.P., TAYLOR, R., ArF laser photolysis of tetraethyl- and tetravinyl-silane *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 489 pp. C12–C16 (1995)
OKAMOTO, M., WATANABE, N., SUZUKI, E., ONO, Y., Direct synthesis of ethylmethoxysilanes by the liquid-phase reaction of silicon, methanol and ethylene *[Tokyo Inst. Technol., Dept. Chem. Engn., Tokyo, Japan]*

Vol. 489 pp. C17–C21 (1995)
LANG, H., BLAU, S., RHEINWALD, G., WILDERMUTH, G., Pyrolyse von Übergangsmetallkomplexen: Darstellung von Metallcarbiden (MC,M$_2$C) aus Metallorganischen Verbindungen *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 489 pp. C22–C25 (1995)
HENDERSON, R.A., LOWE, D.J., SALISBURY, P., Stereospecific protonation of coordinated alkynes *[Univ. Sussex, AFRC, Inst. Plant Sci. Res., Nitrogen Fixat. Lab., Brighton, East Sussex, England]*

Vol. 489 pp. C26–C27 (1995)
BRATT, S., JARVIE, A.W.P., The effect of α-chloro substitution on the reactivity of β-functional silanes *[Univ. Aston, Dept. Chem. Engn. & Appl. Chem., Birmingham, West Midlands, England]*

Vol. 489 pp. C28–C31 (1995)
WAN, S., BEGLEY, M.J., MOUNTFORD, P., New Fe-Mo and Fe-W fulvalene-bridged heterobimetallic complexes containing the ferrocenyl unit. Crystal structure of [(η-C$_5$H$_5$)Fe(μ-η:η-C$_5$H$_4$Ind)Mo(CO)$_2$(η-C$_3$H$_5$)] (ind = 1-indenyl) *[Univ. Nottingham, Dept. Chem., Nottingham, England]*

Vol. 489 pp. C32–C34 (1995)
BONI, G., SAUVAGEOT, P., MOISE, C., Synthesis and reactivity of the phosphido-bridged complex [Cp$_2$Ta(μ-CO)(μ-PMe$_2$)Cr(CO)$_4$]) *[Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France]*

Vol. 489 pp. C35–C37 (1995)
CLIVE, D.L.J., ZHANG, C.Z., ZHOU, Y.X., TAO, Y., Addition of dimethylphenylsilyl cuprates to vinyl epoxides: Effect of cuprate stoichiometry on stereochemistry and regiochemistry *[Univ. Alberta, Dept. Chem., Edmonton, ALB, Canada]*

Vol. 489 pp. C38–C43 (1995)
LU, Z.-R., ZHUO, R.-X., SHEN, L.-R., ZHANG, X.-D., SHEN, L.-F., Synthesis and characterization of (4S)-1-chloroalkylsilatrane-4-carboxylic acids; crystal structures of (3R,4S)-1-chloromethyl-3-methylsilatrane-4-carboxylic acid and (3R,4S)-1-(3-chloropropyl)-3-methylsilatrane-4-carboxylic acid *[Wuhan Univ., Dept. Chem., Wuhan, P.R. China; Chinese Acad. Sci., Wuhan Inst. Phys., Wuhan, P.R. China]*

Vol. 489 pp. C44–C47 (1995)
MALKOV, A.V., STEPHENSON, G.R., Fine-tuning electrophilicity of cationic tricarbonyliron complexes *[Univ. East Anglia, Sch. Chem. Sci., Norwich, Norfolk, England]*

Vol. 489 pp. C48–C49 (1995)
PASYNKIEWICZ, S., BUCHOWICZ, W., PIETRZYKOWSKI, A., Novel synthesis of alkylidynetrinickel clusters *[Warsaw Univ. Technol., Dept. Chem., Warsaw, Poland]*

Vol. 489 pp. C50–C51 (1995)
SETTAMBOLO, R., PUCCI, S., BERTOZZI, S., LAZZARONI, R., Remarkable α-regioselectivity in the rhodium-catalyzed hydroformylation of 2-vinylpyridine *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., CNR, Ctr. Macromolec. Stereordinate & Otticamente Att., Pisa, Italy; CNR, Ist. Chim. Quantist. & Energet. Molec., Pisa, Italy]*

Vol. 489 pp. C52–C55 (1995)
GUAN, Y.D., ZOU, J.W., ZHU, Z.G., A novel intramolecular cyclization reaction. Synthesis and properties of 5- and 8-membered germalactones *[Beijing Univ., Dept. Chem., Beijing, P.R. China]*

Vol. 489 pp. C56–C59 (1995)
HERRMANN, W.A., KÜHN, F.E., ROMAO, C.C., Mehrfachbindungen zwischen Hauptgruppenelementen und

Übergangsmetallen. CXLIII. Indenyltrioxorhenium(VII): Organometalloxid mit dynamischer Struktur *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Univ. Nova Lisboa, Inst. Tecnol. Quim. & Biol., Oeiras, Portugal]*

Vol. 489 pp. C60–C61 (1995)
BATES, C.M., MORLEY, C.P., BURSTHOUSE, M.B., MALIK, K.M.A., Synthesis and structure of bis(pentamethylcyclopentadienyl)selenium *[Univ. Coll. Swansea, Dept. Chem., Swansea, West Glam, Wales; Univ. Wales, Coll. Cardiff, Sch. Chem. & Appl. Chem., Cardiff, South Glam, Wales]*

Vol. 489 pp. C62–C64 (1995)
ZHANG, S.-W., KAHARU, T., PIRIO, N., ISHII, R., UNO, M., TAKAHASHI, S., Syntheses and X-ray crystal structures of neutral *trans*-bis(diamino-carbene)platinum(II) complexes *[Osaka Univ., Inst. Sci. & Ind. Res., Ibaraki, Osaka, Japan]*

Vol. 489 pp. C65–C67 (1995)
MOLDES, I., PAPWORTH, T., ROS, J., ALVAREZ-LARENA, A., PINIELLA, J.F., The structure of $[Co_2(CO)_5(\mu_2,\eta^4\text{-}CPhCHCHCPh)]$ a cobalt analogue of the 'ferroles' *[Univ. Autonoma Barcelona, Dept. Quim., Barcelona, Spain; Univ. Autonoma Barcelona, Unit. Cristallogr., Barcelona, Spain]*

Vol. 489 pp. C68–C70 (1995)
YAMAMOTO, Y., SATO, R., OHSHIMA, M., MATSUO, F., SUDOH, C., Arene ruthenium(II) complexes coordinated by phosphino and two phenoxide groups in tris(2,6-dimethoxyphenyl)phosphine: crystal structure of $(\eta^6\text{-}1,2,3,4\text{-}Me_4C_6H_2)\text{-}Ru[P\{2,6\text{-}(MeO)_2C_6H_3\}\{2\text{-}O\text{-}6\text{-}MeOC_6H_3\}_2]$ *[Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

Vol. 489 pp. C71–C73 (1995)
LEE, H.K., LUO, B.-S., MAK, T.C.W., LEUNG, W.-P., Synthesis and structures of the mononuclear iron(II) dialkyl FeR_2 and the iron(II) dithiolate complex $[Fe(SAr)_2(RH)]$ $[R=C(SiMe_3)_2C_5H_4N\text{-}2;\ Ar=2,4,6\text{-}{}^tBu_3C_6H_2]$ *[Chinese Univ. Hong-Kong, Dept. Chem., Sha-tin, Hong-Kong]*

Vol. 489 pp. C74–C77 (1995)
MALKOV, A.V., STEPHENSON, G.R., Anomalous deprotonation of tricarbonyl(η^5-1-arylcyclohexadienyl)iron complexes *[Univ. East Anglia, Sch. Chem. Sci., Norwich, Norfolk, England]*

Vol. 489 pp. C78–C80 (1995)
CHAN, S., WONG, W.-T., Synthesis and characterization of triosmium-dipalladium mixed-metal cluster. Crystal structure of $[\{(bipy)Pd\}_2Os_3(CO)_{12}]$ *[Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]*

Vol. 489 pp. C81–C83 (1995)
CHURAKOV, A.V., LEMENOVSKII, D.A., KUZ'MINA, L.G., Synthesis of sandwich and half-sandwich complexes of Ti, Zr and Hf containing $\eta^5\text{-}C_5H_4SiMe_2Cl$ ligand. Molecular structure of $[TiCl_2(\mu\text{-}OSiMe_2\text{-}\eta^5\text{-}C_5H_4)]_2$ *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia]*

Vol. 489 pp. C84–C86 (1995)
DÖTZ, K.H., CHRISTOFFERS, C., KNOCHEL, P., Reaktionen von Komplexliganden. LXIII. Diethylzink-induzierte Dimerisierung von Alkinylcarbenliganden: Regioselektive Synthese eines Cyclopentenyliden-Komplexes *[Univ. Bonn, Inst. Organ. Chem. & Biochem., Bonn, Germany; Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 489 pp. C87–C89 (1995)
DELAVAUX-NICOT, B., GUARI, Y., MATHIEU, R., $[(C_5H_5)Fe(C_5H_4CH_2NMe_2)]$ as a Promoter for the Synthesis of the 1,2-Disubstituted Ferrocenyl Aldehydes $[(C_5H_5)Fe(1,2\text{-}C_5H_3(CHO)(CH_2NMe_2)]$ and $[(C_5H_5)Fe\{1,2\text{-}C_5H_3(CHO)CH_2NMe(CH_2)_2OCH=CH_2\}]$ *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 490 pp. 1–6 (1995)
XIAO, J.L., KRISTOF, E., VITTAL, J.J., PUDDEPHATT, R.J., The coordinatively unsaturated cluster cations $[Pt_3\{M(CO)_3\}(\mu\text{-}Ph_2PCH_2PPh_2)_3]^+$ (M=Re, Mn) *[Univ. Western Ontario, Dept. Chem., London, ONT, Canada]*

Vol. 490 pp. 7–10 (1995)
LUCAS, D., MUGNIER, Y., ANTIÑOLO, A., OTERO, A., GARCIA-YUSTE, S., FAJARDO, M., Reactivity of niobocene dihalogenides toward nitroso derivatives. EPR and IR characterization of the first niobium(IV) complexes containing an ArNO-*N,O* ligand *[Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France; Univ. Castilla La Mancha, Fac. Quim., Dept. Quim. Inorgan. Organ. & Bioquim., Ciudad Real, Spain; Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

Vol. 490 pp. 11–19 (1995)
MOLDES, I., NEFEDOV, S., LUGAN, N., MATHIEU, R., Synthesis of Re-Ru heterobimetallic polyhydride complexes. Study of the influence of ligands bonded to the monometallic precursors on the nature of the isolated binuclear complexes *[Univ. Paul Sabatier, CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Inst. Natl. Polytech. Toulouse, Toulouse, France]*

Vol. 490 pp. 21–28 (1995)
MIQUEL, L., BASSO-BERT, M., CHOUKROUN, R., MADHOUNI, R., EICHHORN, B., SANCHEZ, M., MAZIERES, M.-R., JAUD, J., Synthesis of 2-(diphenylphosphino)phenolato and 2-(diphenylphosphinomethyl)-4-methylphenolato complexes of titanium and zirconium. X-ray characterization of $[(\eta^5\text{-}C_5H_5)_2\text{-}ZrCl(OC_6H_4PPh_2)]$ and $[(\eta^5\text{-}C_5H_5)_2Zr(OC_6H_4PPh_2)_2]$ *[CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; Univ. Toulouse 3, Synth. Struct. & React. Molec. Phosphorees Lab., Toulouse, France; Ctr. Elaborat. Mat. & Etud. Struct., LOE, CNRS, Toulouse, France]*

Vol. 490 pp. 29–34 (1995)
OHNET, M.-N., SPASOJEVIC-DE BIRÉ, A., DAO, N.Q., SCHWEISS, P., KIAT, J.-M., GREGOIRE, P., FISCHER, H., REINDL, D., Chemical bonding in metalaheterocumulene complexes: II. Demonstration of a temperature dependent conformational disorder of the methyl groups in $[(CO)_5CrNCN(C_2H_5)_2]$ *[Ecole Cent. Paris, CNRS, Physicochim. Molec. & Minerale Lab., Châtenay-Malabry, France; CE Saclay, CEA, Lab. Leon Brillouin, Unite Mixte CNRS, Gif sur Yvette, France; Kernforschungszentrum Karlsruhe Gmbh, Inst. Nukl. Festkörperphys., Karlsruhe, Germany; Ecole Cent. Paris, CNRS, Chim. Phys. Solide Lab., Châtenay-Malabry, France; Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 490 pp. 35–43 (1995)
NAVARRO, R., GARCÍA, J., URRIOLABEITIA, E.P., CATIVIELA, C., DIAZ-DE-VILLEGAS, M.D., Metal complexes of biologically important ligands: synthesis of amino acidato complexes of Pd^{II} containing a *C,N*-cyclometallated group as an ancillary ligand *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain; Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Organ., Zaragoza, Spain]*

Vol. 490 pp. 45–49 (1995)
MITCHELL, T.N., GODRY, B., Multinuclear magnetic resonance studies on intramolecular chalcogen-tin coordination in compounds of the type $Me_2Sn(X)CH_2CH_2P(E)Ph_2$ (X=Halogen, E=Chalcogen) *[Univ. Dortmund, Fachbereich Chem., Dortmund, Germany]*

Vol. 490 pp. 51–70 (1995)
HOFMANN, P., MEIER, C., HILLER, W., HECKEL, M., RIEDE, J., SCHMIDT, M.U., Bis(di-t-butylphosphino)methane complexes of rhodium: homogeneous alkyne hydrosilylation by catalyst-dependent alkyne insertion into Rh–Si or Rh–H bonds. Molecular structures of the dimer $[(dtbpm)RhCl]_2$ and of the silyl complex (dtbpm)Rh(Si(OEt *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 490 pp. 71–73 (1995)
BAZHENOVA, T.A., SHESTAKOV, A.F., SHILOV, A.E., ANTIPIN, M.YU., LYSSENKO, K.A., STRUCHKOV, YU.T., Reaction of an iron-lithium complex with tolane and the structure of dilithiumtetraphenylbutadiene formed *[Russian Acad. Sci., N.N. Semenov Chem. Phys. Inst., Chernogolovka, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 490 pp. 75–82 (1995)
BASSINDALE, A.R., LAU, J.C.-Y., TAYLOR, P.G., Nucleophile-assisted racemisations of halosilanes – kinetic studies *[Open Univ., Dept. Chem., Milton Keynes, Bucks, England]*

Vol. 490 pp. 83–88 (1995)
ABEL, E.W., BLACKWALL, E.S., CREBER, M.L., HEARD, P.J., ORRELL, K.G., $M(CO)_4$(M=Mo or W) complexes of 2,6-bis(methylthiomethyl)pyridine (L^1) and 2,6-bis(*p*-tolyl-thiomethyl)pyridine(L^2): a dynamic NMR study *[Univ. Exeter, Dept. Chem., Exeter, Devon, England]*

Vol. 490 pp. 89–99 (1995)
DA SILVA, M.F.C.GUEDES, BRANCO, E.M.P.R.P., WANG, Y., DA SILVA, J.J.R.FRAÚSTO, POMBEIRO, A.J.L., BERTANI, R., MICHELIN, R.A., MOZZON, M., BENETOLLO, F., BOMBIERI, G., Syntheses and properties of cyanamide and cyanoguanidine complexes of platinum(II). X-Ray structure of *trans*-$[Pt(CF_3)(NCNEt_2)(PPh_3)_2][BF_4]$ *[Univ. Padua, Ist. Chim. Ind., Padua, Italy; Univ. Padua, Fac. Ingn., Ist. Chim. Ind., CNR, Ctr. Chim. Tecnol. Composti Metallorgan. Elementi, Padua, Italy; Inst. Super Tecn., Ctr. Quim. Estrutural, Lisbon, Portugal; CNR, Ist. Chim. & Tecnol. Radioelementi, Padua, Italy; Univ. Milan, Ist. Chim. Farmaceut., Milan, Italy]*

Vol. 490 pp. 101–109 (1995)
KOELLE, U., WEIBSCHÄDEL, CHR., ENGLERT, U., Complexation and aromatization of α,β-unsaturated cyclic ketones by $Ru(H_2O)_6^{2+}$ and $(Bz)Ru(H_2O)_3^{2+}$: molecular structure of (η^6-Tosylate)(η^5-hydroxycyclopentadienyl)Ru... *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 490 pp. 111–116 (1995)
WANG, S.R., CHENG, C.P., The reaction of tetrahydrido dodecacarbonyltetrarhenium(0) with pyridine and some nitrogen-containing bases *[Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan]*

Vol. 490 pp. 117–123 (1995)
ONITSUKA, K., MURAKAMI, K., MATSUKAWA, K., SONOGASHIRA, K., ADACHI, T., YOSHIDA, T., Insertion reaction of isocyanide into the Pt–C bonds of 2,5-thienylene-bridged diplatinum complexes and 2-thienyl platinum complexes: molecular structure of $Cl(Et_3P)_2PtC(=NC_6H_4OMe\text{-}p)C_4H_2SC(=NC_6H_4OMe\text{-}p)Pt(PEt_3)_2Cl\cdot CH_2Cl_2$ *[Osaka City Univ., Fac. Engn., Dept. Appl. Chem., Osaka, Japan; Univ. Osaka Prefecture, Fac. Integrated Arts & Sci., Dept. Chem., Sakai, Osaka, Japan]*

Vol. 490 pp. 125–131 (1995)
KREITER, C.G., KOCH, E.-C., FRANK, W., REIB, G.J., Photochemische Reaktionen von Übergangsmetall- Organyl-Komplexen mit Olefinen. XI. Photochemisch induzierte C-C-Verknüpfung von Tricarbonyl-η^5-2,4-dimethyl-2,4-pentadien-1-yl-mangan mit 1-Dimethylamino-2-propin – Synthese eines η^5-7 *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany]*

Vol. 490 pp. 133–141 (1995)
KREITER, C.G., FIEDLER, C., FRANK, W., REIB, G.J., Photochemische Reaktionen von Übergangsmetall-Organyl-Komplexen mit Olefinen. XII. Photochemisch induzierte [5+2, 3+2]-Cycloadditionen von Alkinen an Tricarbonyl-η^5-cyclohexadienyl-mangan *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany]*

Vol. 490 pp. 143–148 (1995)
BEER, P.D., CRANE, C.G., DANKS, J.P., GALE, P.A., MCALEER, J.F., Towards conformationally dependent redox-responsive molecular switches. New polyferrocene bis benzo crown ether receptors *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; Univ. Birmingham, Dept. Chem., Birmingham, West Midlands, England; Medisense UK, Abingdon, Oxon, England]*

Vol. 490 pp. 149–153 (1995)
FEHLHAMMER, W.P., BLISS, T., KERNBACH, U., BRÜDGAM, I., Homoleptic carbene complexes. VI. Bis(1,1'-methylene-3,3'-dialkyl-diimidazolin-2,2'-diylidene)palladium chelate complexes by the free carbene route *[Deutsches Museum, Munich, Germany; Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 490 pp. 155–162 (1995)
HITCHCOCK, P.B., NIXON, J.F., MATOS, R.M., Tri-, penta-, and hexa-phospha ruthenocenes *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England; Univ. Fed. Minas Gerais, ICEX, Dept. Quim., Belo Horizonte, MG, Brazil]*

Vol. 490 pp. 163–171 (1995)
FU, F.Z., LI, H.Y., ZHU, D.S., FANG, Q.X., PAN, H.A., TIEKINK, E.R.T., KAYSER, F., BIESEMANS, M., VERBRUGGEN, I., WILLEM, R., GIELEN, M., (Z)-1-[2-(triarylstannyl)vinyl]-1-cycloheptanols: synthesis, characterization, halodemetallation and crystal structures *[Free Univ. Brussels, Ctr. High Resolut. NMR, Brussels, Belgium; North-East Normal Univ., Dept. Chem., Changchun, P.R. China; Free Univ. Brussels, Fac. Appl. Sci., Dept. Gen. & Organ. Chem., Brussels, Belgium; Univ. Adelaide, Dept. Chem., Adelaide, SA, Australia]*

Vol. 490 pp. 173–178 (1995)
MATHUR, P., MANIMARAN, B., HOSSAIN, M.M., SHANBAG, R., MURTHY, J., SARANATHAN, I.S., SATYANARAYANA, C.V.V., BHADBHADE, M.M., Synthesis and characterization of the methylene-inserted mixed-chalcogenide compounds $Fe_2(CO)_6$(μ-$SeCH_2Te$) and $Fe_2(CO)_6(\mu\text{-}SCH_2Te)$ *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India; Indian Inst. Technol., Ctr. Reg. Sophisticated Instrumentat., Bombay, Maharashtra, India; Cent Salt & Marine Chem. Res. Inst., Bhavnagar, Gujarat, India]*

Vol. 490 pp. 179–188 (1995)
FORNIÉS, J., LALINDE, E., MARTÍN, A., MORENO, M.T., Synthesis of novel platinum-silver and platinum-copper complexes with bridging alkynyl ligands *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain; Univ. La Rioja, Dept. Quim., Logrono, Spain]*

Vol. 490 pp. 189–195 (1995)
PASYNKIEWICZ, S., BUCHOWICZ, W., POPLAWSKA, J., PIETRZYKOWSKI, A., ZACHARA, J., Reactions of nickelocene with methyl-, ethyl- and vinyl-lithium compounds. Hydrogen elimination and cyclopentadienyl ring hydrogenation *[Warsaw Univ. Technol., Dept. Chem., Warsaw, Poland]*

Vol. 490 pp. 197–202 (1995)
WRACKMEYER, B., KERSCHL, S., MAISEL, H.E., MILIUS, W., Novel rearrangements of fused zwitterionic heterocyclic systems *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 490 pp. 203–207 (1995)
SZYMANSKA-BUZAR, T., GLOWIAK, T., Photochemical reaction of $W(CO)_6$ with $SnCl_4$. II. Synthesis and X-ray structure of tetrachlorobis(triphenylphosphine oxide)tungsten(IV), $[WCl_4(OPPh_3)_2]$ *[Univ. Wroclaw, Inst. Chem., Wroclaw, Poland]*

Vol. 490 pp. 209–212 (1995)
SHCHERBAKOV, V.I., MALYSHEVA, I.P., ZAKHAROVA, R.P., Synthesis of mixed organotin compounds via dialkylstannyl derivatives of sulphomaleic anhydride *[Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia]*

Vol. 490 pp. 213–219 (1995)
BÖRNER, A., KLESS, A., HOLZ, J., BAUMANN, W., TILLACK, A., KADYROV, R., Zur Komplexierung von enantiomerenreinen *cis*- und *trans*-3-Diphenylphosphino-4-hydroxy-tetrahydrofuranen mit $[Rh(COD)_2]BF_4$ *[Max Planck Ges., Arbeitsgrp. Asymmetr. Katalyse, Rostock, Germany; Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany]*

Vol. 490 pp. 221–227 (1995)
FISCHER, H., REINDL, D., TROLL, C., LEROUX, F., Addition von Phosphanen an das C-$_\alpha$-Atom von Allenyliden(pentacarbonyl)-chrom und Umlagerung in Phosphan-Komplexe *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 490 pp. 229–237 (1995)
FISCHER, H., ROTH, G., Hydrazinocarben-Metallkomplexe – Synthese aus Allenylidenkomplexen und Hydrazinen, Umlagerung und Cyclisierung *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 490 pp. 239–242 (1995)
MITCHELL, T.N., KOWALL, B., Cyclopropanation and epoxidation of 1,2-distannylalkenes and 1-silyl-2-stannylalkenes *[Univ. Dortmund, Fachbereich Chem., Dortmund, Germany]*

Vol. 490 pp. 243–247 (1995)
HUO, S.Q., ZHU, Y., WU, Y.J., Crystal structures of anil of benzoylferrocene and its derivative of mercury: specific arrangement of the ferrocenyl and phenyl groups around the C=N bond *[Zhengzhou Univ., Dept. Chem., Zhengzhou, P.R. China; Lanzhou Univ., Natl. Lab. Appl. Organ. Chem., Lanzhou, P.R. China]*

Vol. 490 pp. 249–254 (1995)
WU, Y.J., HUO, S.Q., YANG, L., DU, C.X., ^{13}C NMR spectra of cyclomercurated ferrocenylimines: substituent effects and conformations in the ferrocenes *[Zhengzhou Univ., Dept. Chem., Zhengzhou, P.R. China; Nanjing Univ., Dept. Chem., Nanjing, P.R. China; Lanzhou Univ., Natl. Lab. Appl. Organ. Chem., Lanzhou, P.R. China]*

Vol. 490 pp. C1–C7 (1995)
HUANG, D.-J., CHENG, C.H., [2+2] Dimerization of norbornadiene and its derivatives in the presence of nickel complexes and zinc metal *[Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan]*

Vol. 490 pp. C8–C13 (1995)
JIN, J.H., ZHUANG, X.L., JIN, Z.S., CHEN, W.Q., Syntheses and crystal structures of $(C_8H_8)Nd(C_5H_5C_5H_4)(THF)_2$ and $[(C_8H_8)Gd(C_5H_5C_4H_4(THF)][(C_8H_8)Gd(C_5H_5C_5H_4(THF)_2]$ *[Acad. Sinica, Changchun Inst. Appl. Chem., Changchun, P.R. China]*

Vol. 490 pp. C14–C17 (1995)
DELEUZE, H., MAILLARD, B., Une méthode simple et efficace de préparation des dihydrures organostanniques *[Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France]*

Vol. 490 pp. C18–C19 (1995)
CANTY, A.J., FRITSCHE, S.D., JIN, H., SKELTON, B.W., WHITE, A.H., Oxidation reactions using water, hydrogen peroxide and halogens to give pallad(IV)cyclopentane complexes $PdX(C_4H_8)\{(pz)_3BH\}$ (X=OH, Cl, Br, I). The crystal structure of the hydroxoplatinum(IV) complex $Pt(OH)Me_2\{(pz)_3BH\}$... *[Univ. Tasmania, Dept. Chem., Hobart, TAS, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 490 pp. C20–C22 (1995)
STARR, E.J., BOURNE, S.A., CAIRA, M.R., MOSS, J.R., The cobaloximes *trans*-bis(dimethylglyoxime)(R)Co^{III}, R=*n*-$C_{14}H_{29}$ or *n*-$C_{15}H_{31}$. Surprising ambiphilic nature observed in the molecular packing of the longest *n*-alkyl organometallic compound to be structurally characterized *[Univ. Cape Town, Dept. Chem., Rondebosch, South Africa]*

Vol. 490 pp. C23–C26 (1995)
HUANG, Z.-Z., HUANG, X., HUANG, Y.-Z., The first example of α-organoseleno arsonium ylides and its Wittig-type reaction *[Hangzhou Univ., Dept. Chem., Hangzhou, P.R. China; Chinese Acad. Sci., Shanghai Inst. Organ. Chem., Shanghai, P.R. China]*

Vol. 490 pp. C27–C28 (1995)
IYER, S., The vinylation of aryl iodides catalyzed by Co, Rh and Ir complexes *[Natl. Chem. Lab., Div. Chem. Engn., Bombay, Maharashtra, India]*

Vol. 490 pp. C29–C31 (1995)
BOCHKAREV, L.N., MAKAROV, V.M., ZAKHAROV, L.N., FUKIN, G.K., YANOVSKY, A.I., STRUCHKOV, YU.T., Synthesis and crystal structure of the organogermanium complex of ytterbium $[(Ph_2Ge)_4Yb(THF)_4]\cdot 4THF$ with a five-membered Ge_4Yb cycle *[Nizhny Novgorod State Pedagog. Univ., Dept. Chem., Nizhnii Novgorod, Russia; Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 490 pp. C32–C36 (1995)
LANG, H., BLAU, S., MUTH, A., WEISS, K., NEUGEBAUER, U., Untersuchungen von Polymerisations- und Metathesereaktionen, XXII. Darstellung und katalytische Reaktionen von substituierten Titanocendichloriden *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany; Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 491 pp. 1–10 (1995)
DZHEMILEV, U.M., SULTANOV, R.M., GAIMALDINOV, R.G., Some

novelties in the chemistry of organomagnesium compounds with zirconium complexes *[Bashkirian Acad. Sci., Inst. Petrochem. & Catalysis, Ufa, Russia]*

Vol. 491 pp. 11–18 (1995)
AUSTIN, R.N., CLARK, T.J., DICKSON, T.E., KILLIAN, C.M., NILE, T.A., SCHABACKER, D.J., MCPHAIL, A.T., Synthesis and properties of novel substituted 4,5,6,7-tetrahydroindenes and selected metal complexes *[Univ. North Carolina, Dept. Chem., Greensboro, NC, USA; Duke Univ., Dept. Chem., Paul M. Gross Chem. Lab., Durham, NC, USA]*

Vol. 491 pp. 19–25 (1995)
VIEBROCK, H., PANTHER, T., BEHRENS, U., WEISS, E., Über Metallalkyl- und Arylverbindungen. LIV. Neue Triphenylmethyl-Verbindungen des Kaliums: $[KCPh_3(PMDTA)]$, $[KCPh_3(DIGLYM)]_n$ und $[KCPh_3(THF)]_n$ *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 491 pp. 27–30 (1995)
PIERI, G., PASQUALI, M., LEONI, P., ENGLERT, U., Oxidation of palladium(I) dimers: formation and X-ray crystal structure of $[(Me_3P)_2Pd(\mu\text{-}OH)_2Pd(PMe_3)_2](CF_3SO_3)_2$ *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., Pisa, Italy; Scuola Normale Super Pisa, Pisa, Italy; Univ. Bonn, Inst. Anorgan. Chem., Bonn, Germany]*

Vol. 491 pp. 31–39 (1995)
BESANÇON, J., SZYMONIAK, J., MOISE, C., TOUPET, L., TRIMAILLE, B., Dynamic stereochemistry in the titanocene series with central and planar chirality. X-Ray structure and relative configuration of the racemic form (m.p. 186° C) of $[(\eta^5\text{-}1\text{-}Me\text{-}2\text{-}{}^iPrC_5H_3)(\eta^5\text{-}C_5H_5)Ti(2,6\text{-}Me_2C_6H_3O)Cl]$ *[Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France; Grp. Mat. Condensee & Mat., CNRS, Rennes, France; UFR Sci. & Tech., Dept. Chim., Besançon, France]*

Vol. 491 pp. 41–46 (1995)
WYRWA, R., FRÖHLICH, H.-O., GÖRLS, H., Beiträge zur Chemie organometallischer Nebengruppenmetallverbindungen. XII. Synthese, NMR-spektroscopische Untersuchung und Kristallstruktur von $[Li(TMEDA)]_2Ni(CH_2CMe_2CMe_2CH_2)_2$ (1) – Vergleichende DTA-Untersuchungen von (1)... *[Friedrich Schiller Univ., Inst. Anorgan. & Analyt. Chem., Jena, Germany; Friedrich Schiller Univ., Max Planck Ges., Jena, Germany]*

Vol. 491 pp. 47–55 (1995)
FILIPPOU, A.C., MEHNERT, C., WANNINGER, K.M.A., KLEINE, M., Chromium–carbon multiple bonds: aminocarbyne complexes of chromium bearing isocyanide ligands *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 491 pp. 57–60 (1995)
YE, Z.W., WANG, S.W., KONG, D.Y., HUANG, X.Y., The formation and molecular structure of $[Na(THF)_6][(\eta^5\text{-}C_9H_7)_3Pr(\mu\text{-}Cl)Pr(\eta^5\text{-}C_9H_7)_3]$ *[Anhui Normal Univ., Inst. Organ. Chem., Wuhu, P.R. China; Chinese Acad. Sci., Fujian Inst. Res. Struct. Matter, Fuzhou, P.R. China]*

Vol. 491 pp. 61–69 (1995)
MUNYEJABO, V., DAMIANO, J.-P., POSTEL, M., BENSIMON, C., ROUSTAN, J.L., Reactivity of a (Fe-NO)-(Fe-NO_3) system in the presence of a ferrocene-ferricinium group tethered nearby via a ferrocenyl phosphine linkage (FcP_2): crystal structures of $[\{Fe(NO)_2Cl\}_2(\mu\text{-}FcP_2)]$ and $[Fe(NO)_2(FcP_2)]$ *[Univ. Nice, Fac. Sci., CNRS, URA 426, Chim. Molec. Lab., Nice, France; Univ. Ottawa, Dept. Chem., Ottawa, ONT, Canada]*

Vol. 491 pp. 71–81 (1995)
FISCHER, H., SCHMID, J., RIEDE, J., Stereospecifische Umlagerung von P-halogensubstituierten Phosphorylid-Komplexen in Phosphan-Komplexe *[Univ. Konstanz, Fac. Chem., Constance, Germany; Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 491 pp. 83–90 (1995)
WESTERHAUSEN, M., ENZELBERGER, M.M., SCHWARZ, W., Reaktivität von Magnesium- und Calcium-bis[bis(trimethylsilyl)-phosphanid] gegenüber Bis[bis(trimethylsilyl)amino]stannylen in Toluol-lösung *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

Vol. 491 pp. 91–96 (1995)
GLADIALI, S., FABBRI, D., KOLLÁR, L., Asymmetric hydroformylation of styrene catalyzed by platinum-tin complexes with chiral bis-binaphthophosphole ligands *[Univ. Sassari, Dipartimento Chim., Sassari, Italy; Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary]*

Vol. 491 pp. 97–102 (1995)
KIM, Y.-J., CHOI, J.-C., OSAKADA, K., Synthesis and properties of amido- and alkoxopalladium(II) complexes with TMEDA (*N,N,N',N'*-tetramethylethylenediamine) ligand *[Kangnung Natl. Univ., Dept. Chem., Kangnung, South Korea; Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Yokohama, Kanagawa, Japan]*

Vol. 491 pp. 103–109 (1995)
KALYANASUNDARI, M., PANCHANATHESWARAN, K., ROBINSON, W.T., WEN, H., Reactions of benzoylmethylenetriphenylphosphorane with mercury(II) halides: spectral and structural characterization of $[(C_6H_5)_3PCHCOC_6H_5{\cdot}HgCl_2]_2{\cdot}2CH_3OH$ and $[(C_6H_5)_3PCHCOC_6H_5{\cdot}HgI_2]_2$ *[Bharathidasan Univ., Dept. Chem., Tiruchirappalli, India; Univ. Canterbury, Dept. Chem., Christchurch, New Zealand]*

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CASTIGLIONI, M., GIORDANO, R., SAPPA, E., Metal carbonyl clusters in homogeneous catalysis. Hydrogenation and isomerization of cyclic dienes in the presence of $[H_4Ru_4(CO)_{12}]$, $[H_2Ru_4(CO)_{13}]$, $[H_2FeRu_3(CO)_{13}]$ and $[Fe_2Ru(CO)_{12}]$. Identification of organometallic products a *[Univ. Torino, Dipartimento Chim. Gen. Organ. Appl., Turin, Italy; Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy]*

Vol. 491 pp. 121–125 (1995)
GÓMEZ, M., GÓMEZ-SAL, P., NICOLÁS, M.P., ROYO, P., Monopentamethylcyclopentadienyl isocyanide, amine and imido tantalum(V) complexes. X-ray crystal structure of $[TaCp^*Cl_4(CN\text{-}2,6\text{-}Me_2C_6H_3)]$ *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

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ABAKUMOV, G.A., CHERKASOV, V.K., ABAKUMOVA, L.G., NEVODCHIKOV, V.I., DRUZHKOV, N.O., MAKARENKO, N.P., KURSKY, JU.A., Reaction on the addition of some organometallic compounds to 3,6-di-*tert*-butyl-*o*-benzoquinone: new *o*-quinones *[Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia]*

Vol. 491 pp. 135–152 (1995)
RIEGER, D., LOTZ, S.D., KERNBACH, U., ANDRÉ, C., BERTRAN-NADAL, J., FEHLHAMMER, W.P., Synthesis of organic heterocycles via multicomponent reactions with cyano transition metal complexes *[Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Free Univ. Berlin, Inst. Kristallogr., Berlin, Germany]*

Vol. 491 pp. 153–158 (1995)
GÓMEZ, R., DUCHATEAU, R., CHERNEGA, A.N., TEUBEN, J.H., EDELMANN, F.T., GREEN, M.L.H., Mono-η-cyclopentadienyl-benzamidinato chloro compounds of titanium, zirconium and hafnium *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; Univ. Groningen, Dept. Chem., Groningen, Netherlands; Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 491 pp. 159–167 (1995)
REGER, D.L., COLLINS, J.E., Syntheses of carbene and alkenyl derivatives of palladium. Solid-state structures of $\{(Me_2NCS_2)Pd(PEt_3)[\eta^1\text{-}C(N(CH_3(C(CH_3)_3)CH_3]\}BPh_4$ and $\{(Me_2NCS_2)Pd(PEt_3)[\eta^1\text{-}C(NHC(CH_3)_3)CH_3]\}PF_6 \cdot Et_2O$ *[Univ. South Carolina, Dept. Chem. & Biochem., Columbia, SC, USA]*

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BRADY, F.J., CARDIN, D.J., DOMIN, M., New organometallic complexes of buckminsterfullerene having π-bonded nickel, palladium, or platinum with triorganophosphite ligands, and their characterization *[Univ. Reading, Dept. Chem., Reading, Berks, England; Univ. London, Sch. Pharm., London, England]*

Vol. 491 pp. 173–179 (1995)
TANIGUCHI, Y., FUJII, N., TAKAKI, K., FUJIWARA, Y., Lanthanoid-metal-mediated reaction of acylphosphonates: evidence for the formation of an acyllanthanoid complex *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan]*

Vol. 491 pp. 181–188 (1995)
WACHE, S., HERRMANN, W.A., ARTUS, G., NUYKEN, O., WOLF, D., Single component ruthenium(IV) catalysts for the ring-opening polymerization of norbornene *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Tech. Univ. Munich, Lehrstuhl Makromolek. Stoffe, Garching, Germany]*

Vol. 491 pp. 189–193 (1995)
BROWN, D.B., DYSON, P.J., JOHNSON, B.F.G., PARKER, D., Benzene migration and isomer interconversion in $Ru_5C(CO)_{12}(C_6H_6)$: Comparison of solution and isolation matrix phenomena *[Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland; ICI PLC, Wilton Mat. Res. Ctr., Cleveland, England]*

Vol. 491 pp. 195–201 (1995)
KAKKONEN, H.J., AHLGRÉN, M., PURSIAINEN, J., PAKKANEN, T.A., Reaction of the $[H_2Ru_3Rh(CO)_{12}]^-$ cluster anion with PPh_3: synthesis and structural characterization of $H_2Ru_3Rh_2(CO)_{13}(PPh_3)$ *[Univ. Joensuu, Dept. Chem., Joensuu, Finland]*

Vol. 491 pp. 203–214 (1995)
LAMPEKA, R., BERGS, R., DE BOBADILLA, R. FERNÁNDEZ, POLBORN, K., MIHAN, S., BECK, W., Metallkomplexe mit biologisch wichtigen Liganden. LXXVI. halbsandwichkomplexe von Cobalt(III), Iridium(III) und Ruthenium(II) mit Amiden von 2-Hydroxyiminocarbonsäuren *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany; Univ. Murcia, Dept. Quim. Inorgan., Quim. Organomet. Grp., Murcia, Spain; T.G. Shevchenko State Univ., Dept. Chem., Kiev, Ukraine]*

Vol. 491 pp. 215–217 (1995)
VORONKOV, M.G., YAROSH, O.G., TURKINA, G.YU., Cyclodimethylsilethenes $(Me_2SiCh{=}CH)_n$ *[Russian Acad. Sci., Siberian Branch, Inst. Organ. Chem., Irkutsk, Russia]*

Vol. 491 pp. 219–229 (1995)
CLARK, G.R., NG, M.M.P., ROPER, W.R., WRIGHT, L.J., Synthesis of monomercurated N-protected pyrroles and the use of these compounds as pyrrolyl group transfer reagents to ruthenium and osmium. Crystal structures of $(2\text{-}C_4H_3NC[O]CH_3)HgCl$, $(2\text{-}C_4H_3NC[O]CH_3)_2Hg$ ... *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

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SIEGBAHN, P.E.M., Lone-pair ligand effects on the oxidative addition of methane to second-row transition metal complexes *[Univ. Stockholm, Dept. Phys., Stockholm, Sweden]*

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KAY, M., MACKAY, K.M., NICHOLSON, B.K., The X-ray crystal structures of $ClPh_2SnFe(CO)_3(NO)$ and $Ph_3SnFe(CO)_3(NO)$ and a re-investigation of the IR spectra of $XR_2SnFe(CO)_3(NO)$ species *[Univ. Waikato, Sch. Sci. & Technol., Hamilton, New Zealand]*

Vol. 491 pp. 255–262 (1995)
MANOJLOVIC-MUIR, L., MUIR, K.W., JENNINGS, M.C., MAYS, M.J., SOLAN, G.A., WOULFE, K.W., Synthesis of dimanganese complexes containing mixed bridging phosphido ligands; crystal structures of $[Mn_2(\mu\text{-}PPh_2)\{\mu\text{-}PPhMn(CO)_5\}(CO)_8]$ and $[Mn_2(\mu\text{-}PPhH)(\mu\text{-}PPhCOMe)(CO)_8]$ *[Univ. Cambridge, Chem. Lab., Cambridge, England; Univ. Glasgow, Dept. Chem., Glasgow, Lanark, Scotland]*

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RAMA REDDY, M., PERIASAMY, M., Isomerization of 1-alkenes using the $Na_2Fe(CO)_4$/CuCl and $Na_2Fe(CO)_4/BrCH_2CH_2Br$ reagent systems *[Univ. Hyderabad, Sch. Chem., Hyderabad, Andhra Pradesh, India]*

Vol. 491 pp. 267–273 (1995)
FISCHER, H., VOLKLAND, H.-P., FRÜH, A., STUMPF, R., Ein einfacher Syntheseweg für Cyclobutenylidenwolfram-Komplexe – Struktur von Pentacarbonyl(phenylacetylen)wolfram *[Univ. Konstanz, Fac. Chem., Constance, Germany]*

Vol. 491 pp. 275–281 (1995)
LINDSELL, W.E., MCCULLOUGH, K.J., PLANCQ, S., Binuclear complexes of rhodium or copper with pentamethylcyclopentadienyltricarbonyltungsten. Crystal structure of $(\eta^5\text{-}C_5Me_5)(CO)W(\mu\text{-}CO)_2Rh(PPh_3)_2$ *[Heriot Watt Univ., Dept. Chem., Edinburgh, Midlothian, Scotland]*

Vol. 491 pp. 283–289 (1995)
OSTERMEIER, J., HILLER, W., KREIBL, F.R., Amphiphilie kationischer η^2-Phosphinocarbenkomplexe des Wolframs *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 491 pp. 291–294 (1995)
MATHUR, P., TRIVEDI, R., HOSSAIN, M.M., TAVALE, S.S., PURANIK, V.G., Synthesis and crystal structure of $[(CO)_6Fe_2(\mu\text{-}SeCH_3)_2]$ *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India; Natl. Chem. Lab., Bombay, Maharashtra, India]*

Vol. 491 pp. C1–C4 (1995)
HERRMANN, W.A., BROSMER, C., ÖFELE, K., BELLER, M., FISCHER, H., Zum Mechanismus der Heck-Reaktion: Katalysator-Deaktivierung durch PC-Bindungsbruch *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Hoechst AG, Zent. Forsch., Frankfurt, Germany]*

Vol. 491 pp. C5–C6 (1995)
MEURICE, J.-C., VALLIER, M., ANDRÉ, S., RATIER, M., DUBOUDIN, J.-G., Double hydrostannation of terminal alkynes in the presence of thiol *[Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France; Univ. Bordeaux 1, Ecole Natl. Super Chim. & Phys., Talence, France]*

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PAZ-SANDOVAL, M.A., DOMÍNGUEZ-DURÁN, M.E., PAZOS-MAYEN, C., ARIZA-CASTOLO, A., ROSALES-HOZ, M.D.JESÚS, CONTRERAS, R., Synthesis and characterization of tetracarbonyl complexes of molybdenum and tungsten with functionalized imines. Crystal structure of *cis*-$Mo(CO)_4$-$[(CH_3)(C_6H_5)C{=}N(CH_2)]_2$ *[Inst. Politecn. Nacl., Ctr. Invest & Estudios Avanzados, Dept. Quim., Mexico City, DF, Mexico]*

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CARMONA, A., CORMA, A., IGLESIAS, M., SAN JOSÉ, A., SÁNCHEZ, F., Synthesis and characterization of new chiral Rh(I) complexes with *N,N'*- and *N,P*-ligands. A study of anchoring on the modified zeolites and zeolites and catalytic properties of heterogenized complexes *[Univ. Politecn. Madrid, Madrid, Spain; CSIC, Inst. Ciencia Mat., Madrid, Spain; CSIC, Inst. Quim. Organ. Gen., Madrid, Spain; Univ. Politecn. Valencia, CSIC, Inst. Tecnol. Quim., Valencia, Spain]*

Vol. 492 pp. 23-29 (1995)
LÓPEZ, E.M., MIGUEL, D., PÉREZ-MARTÍNEZ, J.A., RIERA, V., GARCÍA-GRANDA, S., Reduction reactions of binuclear manganese-molybdenum complexes containing S_2CPR_3 and bidentate *P*-donor bridges. X-Ray structure of $[MnMo(SnPh_3)(CO)_4(\mu\text{-tedip})(\mu\text{-}S_2CPCy_3)]$ *[Univ. Oviedo, Fac. Quim., Dept. Quim. Organomet., Oviedo, Spain; Univ. Oviedo, Fac. Quim., Dept. Quim. Fis. & Analit., Oviedo, Spain]*

Vol. 492 pp. 31-34 (1995)
CHANG, B.-H., A facile synthesis of acetals and aldehydes from allylic ethers catalyzed by cobalt compounds *[Quantum Chem. Co., Allen Res. Ctr., Cincinnati, OH, USA]*

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BONIFACI, C., CECCON, A., GAMBARO, A., GANIS, P., SANTI, S., VALLE, G., VENZO, A., Heterobimetallic indenyl complexes. Synthesis and structure of *syn*-$[Cr(CO)_3(\mu,\eta{:}\eta\text{-indenyl})Rh(COD)]$ *[Univ. Padua, Dipartimento Chim. Fis., Padua, Italy; CNR, Ctr. Ric. Biopolimeri, Padua, Italy; CNR, Ctr. Studio Stati Molecolari Radicalici & Eccitati, Padua, Italy]*

Vol. 492 pp. 41-51 (1995)
KABIR, S.E., MIAH, A., NESA, L., UDDIN, K., HARDCASTLE, K.I., ROSENBERG, E., DEEMING, A.J., Methylene chain length and coordination geometry in triosmium clusters containing diphosphine ligands. X-Ray crystal structures of $[Os_3(CO)_{10}\{\mu\text{-}Ph_2P(CH_2)_nPPh_2\}]$ (n=4 or 5) and $[Os_3(CO)_8\{\mu\text{-}Ph_2PCH_2PPh_2\}_2]$ *[Univ. Montana, Dept. Chem., Missoula, MT, USA; Univ. London, Univ. Coll., Dept. Chem., London, England; Calif. State Univ. Northridge, Dept. Chem., Northridge, CA, USA; Jahangirnagar Univ., Dept. Chem., Dhaka, Bangladesh]*

Vol. 492 pp. 53-57 (1995)
LUKER, T., WHITBY, R.J., WEBSTER, M., Insertion of phenyl azide and diphenyldiazomethane into bis(cyclopentadienyl)-zirconacyclopentanes. Crystal structure of an 18-electron alkyl zirconocene triazenido complex *[Univ. Southampton, Dept. Chem., Southampton, Hants, England]*

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HERBERHOLD, M., DÖRFLER, U., MILIUS, W., WRACKMEYER, B., 1,3-dibora-[3]ferrocenophanes; synthesis and characterization *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

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ACUM, G.A., MAYS, M.J., RAITHBY, P.R., SOLAN, G.A., Bridging alkenyl species from the protonation of ditungsten, tungsten-molybdenum and dimolybdenum transverse alkyne complexes with HCl and CF_3COOH. Crystal structure of $[WMoCl\{\mu\text{-}(E)\text{-}HC{=}CHPh\}(CO)_4(\eta^5\text{-}C_5H_5)_2]$ *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

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PLENIO, H., DIODONE, R., Metal complexes of ferrocene cryptands *[Albert Ludwigs Univ., Inst. Anorgan. & Analyt. Chem., Freiburg, Germany]*

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LANG, H., BLAU, S., RHEINWALD, G., Thermolyseverhalten alkinylsubstituierter Cyclopentadienyl-Dicarbonyl-Eisen-Verbindungen *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

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HALBRITTER, G., KNOCH, F., KISCH, H., Übergangsmetallkomplexe von Diazenen. XXXIV. 2,6-Di(trans-stilbenyl)azobenzole und 2,3-Dihydrocinnoline durch cobaltkatalysierte, zweifache Addition von Tolan an Azobenzolderivate *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Anorgan. Chem., Erlangen, Germany]*

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ABRAHAMS, I., MOTEVALLI, M., SHAH, S.A.A., SULLIVAN, A.C., Synthesis and crystal structures of the cyclosiloxytin(IV) complexes $[Cl_2Sn\{O(SiPh_2O)_2\}_2]$-$\mu$-$(Li(THF)_2)_2]$ and $[THF_2Sn\{(OSiPh_2)_3O\}_2]$·toluene *[Univ. London, Queen Mary & Westfield Coll., Dept. Chem., London, England]*

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CERRADA, E., FERNÁNDEZ, E.J., GIMENO, M.C., LAGUNA, A., LAGUNA, M., TERROBA, R., VILLACAMPA, M.D., Synthesis of dithiolate gold(III) complexes by dithiolate transfer reactions. X-ray structure of $[Au(C_6F_5)(S_2C_6H_4)(PPh_3)]$ *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain; Univ. La Rioja, Dept. Quim. Inorgan., Logrono, Spain]*

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STOLARZEWICZ, A., GROBELNY, Z., KOWALCZUK, M., The unusual outcome of the reaction of potassium anions with phenyl glycidyl ether *[Polish Acad. Sci., Inst. Polymer Chem., Zabrze, Poland]*

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MÖRTL, M., KNAUSZ, D., BÖCSKEI, ZS., KOLOS, ZS., ÚJSZÁSZY, K., SZAKÁCS, L., SOHÁR, P., New *N*-hydroxy carbamic acid trialkylsilyl derivatives: preparation and thermal reactions *[Loránd Eötvös Univ., Dept. Gen. & Inorgan. Chem., Budapest, Hungary]*

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HSU, S.C.N., YEH, W.-Y., CHIANG, M.Y., Syntheses and characterization of tricarbonyl tungsten complexes containing 1,1'-bis(diphenylphosphino)ferrocene ligand *[Natl. Sun Yat Sen Univ., Dept. Chem., Kaohsiung, Taiwan]*

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YODER, C.H., SMITH, W.D., BUCKWALTER, B.L., SCHAEFFER, C.D. (JR.), SULLIVAN, K.J., LEHMAN, M.F., A multinuclear NMR study of *N*-(chlorodimethylsilylmethyl) amides *[Franklin & Marshall Coll., Dept. Chem., Lancaster, PA, USA; Elizabethtown Coll., Dept. Chem., Elizabethtown, PA, USA]*

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AGARWALA, R., AZAM, K.A., DILSHAD, R., KABIR, S.E., MIAH, R., SHAHIDUZZAMAN, M., HARDCASTLE, K.I., ROSENBERG, E., HURSTHOUSE, M.B., MALIK, K.M.A., Triosmium and triruthenium clusters containing diazaheterocycles *[Univ. Montana, Dept. Chem., Missoula, MT, USA; Calif. State*

Univ. Northridge, Dept. Chem., Northridge, CA, USA; Univ. Wales, Coll. Cardiff, Sch. Chem. & Appl. Chem., Cardiff, South Glam, Wales; Jahangirnagar Univ., Dept. Chem., Dhaka, Bangladesh]

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DAKTERNIEKS, D., JURKSCHAT, K., SCHOLLMEYER, D., WU, H., Synthesis, NMR studies and molecular structures of $[(PhSSn)_2(CH_2)_3]_2$ and $[PhSn(S_2CNEt_2)]_2(S)(CH_2)_3$ *[Deakin Univ., Sch. Biol. & Chem. Sci., Geelong, VIC, Australia; Univ. Mainz, Inst. Organ. Chem., Mainz, Germany]*

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ALCALDE, M.I., DE LA MATA, J., GÓMEZ, M., ROYO, P., SÁNCHEZ, F., Half-sandwich isocyanide, phosphine, methyl and phosphanido pentamethylcyclopentadienylniobium(V) complexes *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

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BUTLER, I.R., CULLEN, W.R., RETTIG, S.J., WHITE, A.S.C., The one-step synthesis of chiral amino phosphino ferrocenes *[Univ. Coll. North Wales, Dept. Chem., Bangor, Gwynedd, Wales; Univ. British Columbia, Dept. Chem., Vancouver, BC, Canada]*

Vol. 492 pp. 165–177 (1995)
NIEUWENHUIS, H.A., VAN LOON, A., MORAAL, M.A., STUFKENS, D.J., OSKAM, A., GOUBITZ, K., Photochemistry of the metal-metal-bonded complexes $[(CO)_5Mn\text{-}Ru(Me)(CO)_2(\alpha\text{-diimine})]$. Crystal structure of the photoproduct $[(CO)_4Mn\text{-}\mu\text{-}(\sigma(N),\sigma(N'),\eta^2(CN)\text{-}^i Pr\text{-}PyCa)Ru(Me)(CO)_2]$ *[Univ. Amsterdam, Anorgan. Chem. Lab., Amsterdam, Netherlands; Univ. Amsterdam, Kristallog. Lab., Amsterdam, Netherlands]*

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RENOUARD, C., STOECKLI-EVANS, H., SÜSS-FINK, G., Dérivés cycliques de l'acide carbonimidodithioique en tant que source de carbène: fragmentation de ces ligands lors de leur coordination à un complexe trinucléaire de ruthénium *[Univ. Neuchâtel, Inst. Chim., Neuchâtel, Switzerland]*

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SCHMID, G., SCHÜTZ, M., 1,2-azaborolyl complexes. XXXI. Cyclooligomerization of alkynes at the 1,2-azaborolylcobalt moiety *[Univ. Gesamthsch. Essen, Inst. Anorgan. Chem., Essen, Germany]*

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MITCHELL, T.N., GIEßELMANN, F., KWETKAT, K., Rearrangements of silyl- and stannyl-substituted diallyl ethers: competition between the allyl-vinyl ether rearrangement and the [2,3] Wittig sigmatropic rearrangement *[Univ. Dortmund, Fachbereich Chem., Dortmund, Germany]*

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JOACHIM, J.E., APOSTOLIDIS, C., KANELLAKOPULOS, B., MEYER, D., NUBER, B., RAPTIS, K., REBIZANT, J., ZIEGLER, M.L., Metallorganische Chemie des Technetiums XII. Photolytische CO-Substitutionsreaktionen von Technetiumtricarbonylverbindungen. Synthesen und Röntgenstrukturanalysen von $(C_5H_5)Tc(CO)_2(PPh_3)$, $(C_5Me_5)Tc(CO)_2(PPh_3)$... *[CPV, Forschungszentrum Karlsruhe, Inst. Chem. Tech., Karlsruhe, Germany; Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany; Commiss. European Communities, Joint Res. Ctr., Inst. Transuranium Elements, Karlsruhe, Germany; Kernforschungszentrum Karlsruhe Gmbh, Inst. Radiochem., Karlsruhe, Germany]*

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GALSWORTHY, J.R., HOUSECROFT, C.E., OSTRANDER, R.L., RHEINGOLD, A.L., Preparation and characterization of the square-based pyramidal cluster anion $[H_2Ru_5(CO)_{14}(\mu_4\text{-}COH)]$ *[Univ. Cambridge, Chem. Lab., Cambridge, England; Univ. Basel, Inst. Anorgan. Chem., Basel, Switzerland; Univ. Delaware, Dept. Chem., Newark, DE, USA]*

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ALBERTO, R., SCHIBLI, R., EGLI, A., SCHUBIGER, P.A., HERRMANN, W.A., ARTUS, G., ABRAM, U., KADEN, T.A., Metal carbonyl syntheses. XXII. Low-pressure carbonylation of $[MOCl_4]^-$ and $[MO_4]^-$. The technetium(I) and rhenium(I) complexes $[NEt_4]_2[MCl_3(CO)_3]$ *[Paul Scherrer Inst., Div. Radiopharm., Villigen, Switzerland; Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany; Univ. Basel, Inst. Anorgan. Chem., Basel, Switzerland]*

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HABEL, W., HAEUSLER, W., SARTORI, P., Synthese und Characterisierung von Poly(dialkylsilylen-co-alkylenen) *[Gerhard Mercator Univ. GH, Duisburg, Germany]*

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FERGUSON, G., GLIDEWELL, C., LEWIS, A., ZAKARIA, C.M., Hydrogen-bonded adducts of ferrocene-1,1'-diylbis(diphenylmethanol) with nitrogenous bases: crystal and molecular structure of the 2:1 adduct with hexamethylenetetramine *[Univ. St. Andrews, Sch. Chem., St. Andrews, Fife, Scotland; Univ. Guelph, Dept. Chem. & Biochem., Guelph, ONT, Canada]*

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HANKÓ, K., VASS, G., SZEPES, L., Arene-transition metal complexes as precursors of hard coatings prepared by the chemical vapour deposition technique *[Loránd Eötvös Univ., Dept. Gen. & Inorgan. Chem., Budapest, Hungary]*

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SZYMANSKA-BUZAR, T., Photochemical reaction of $W(CO)_6$ with $SnCl_4$. III. Synthesis of some novel seven-coordinate tungsten(II) complexes $[WCl(SnCl_3)(CO)_3L_2]$ (L = N- and P-donor ligands) *[Univ. Wroclaw, Inst. Chem., Wroclaw, Poland]*

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MAYER, H.A., STÖBEL, P., FAWZI, R., STEIMANN, M., Synthesis and X-ray molecular structure of *cis,cis*-1,3,5-tris(diphenylphosphino)-1,3,5-tris(methoxycarbonyl)cyclohexane *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

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GUSEL'NIKOV, L.E., VOLKOVA, V.V., LAVRUKHIN, B.D., Intramolecular rearrangements of silenes II. Synthesis of 1-methyl-1-hydro-1-silaacenaphthene from 1-methyl-1-naphthyl-1-silacyclobutane via [4+2+2]thermocyclodecomposition-transient silene rearrangement sequence... *[Russian Acad. Sci., Topchiev Inst. Petrochem. Synth., Organosilicon Chem. Lab., Moscow, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 492 pp. C11–C13 (1995)
LAPPERT, M.F., SCOTT, F.P.A., The reaction pathway from Speier's to Karstedt's hydrosilylation catalyst *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 492 pp. C14–C16 (1995)
HUTTON, A.T., WEWERS, F.P., Organomercuration of the carbanion derived from $[M(CO)_4(Ph_2PCH_2PPh_2)]$ (M = Cr, Mo or W). Crystal and molecular structure of $[Cr(CO)_4\text{-}\{(Ph_2PCH(HgMe)PPh_2\}]$ *[Univ. Cape Town, Dept. Chem., Rondebosch, South Africa]*

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BLAKE, A.J., DYSON, P.J., JOHNSON, B.F.G., MARTIN, C.M., The synthesis, characterization and crystal structure of $[Ru_3(\mu_2\text{-}H)(CO)_9(\mu_3\text{-}\sigma{:}\sigma{:}\eta^2\text{-}COPh)]$ *[Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland]*

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DE FELICE, V., CUCCIOLITO, M.E., DE RENZI, A., RUFFO, F., TESAURO, D., Cationic Platinum(II)- or Palladium(II)-carbyl complexes and unsaturated substrates: a facile way to C–C bond formation *[Univ. Napoli Federico II, Dipartimento Chim., Naples, Italy; Univ. Molise, Fac. Agr., Campobasso, Italy]*

Vol. 493 pp. 13–16 (1995)
KELLÖ, E., VRÁBEL, V., HOLECEK, J., SIVY, J., The crystal structure of butylchlorobis(8-quinolinate)tin(IV) *[Slovak Tech. Univ., Fac. Chem. Technol., Dept. Analyt. Chem., Bratislava, Slovakia; Inst. Chem. Technol., Dept. Gen. & Inorgan. Chem., Pardubice, Czech Rep.; Comenius Univ. Bratislava, Fac. Pharm., Dept. Analyt. Chem., Bratislava, Slovakia]*

Vol. 493 pp. 17–25 (1995)
CANO, A., CUENCA, T., GALAKHOV, M., RODRÍGUEZ, G.M., ROYO, P., CARDIN, C.J., CONVERY, M.A., Fulvalene titanium and zirconium complexes: synthesis and NMR study of phosphanido-, alkyl-, and alkynyl-derivatives. X-ray crystal structures of $[\{Ti(\eta^5\text{-}C_5H_5)(\mu\text{-}PPh_2)\}_2\{\mu\text{-}(\eta^5\text{-}C_5H_4\text{-}\eta^5\text{-}C_5H_4)\}]$... *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain; Univ. Reading, Dept. Chem., Reading, Berks, England; Univ. Dublin, Trinity Coll., Dept. Chem., Dublin, Ireland]*

Vol. 493 pp. 27–32 (1995)
BONAFOUX, D., BORDEAU, M., BIRAN, C., DUNOGUES, J., Stereoselective electrochemical synthesis of silyl enol ethers using a sacrificial magnesium anode *[Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France]*

Vol. 493 pp. 33–40 (1995)
UHLIG, F., GSPALTL, P., TRABI, M., HENGGE, E., Zur Darstellung von permethylierten Cyclosilanylalkalimetall-Derivaten *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 493 pp. 41–46 (1995)
FABA, M.G., GONBEAU, D., PFISTER-GUILLOUZO, G., Electronic structure of $[CpCoMe_2SiC_4H_4]$, photoelectron and MSX_α studies *[Univ. Pau & Pays Adour, Physicochim. Molec. Lab., Pau, France]*

Vol. 493 pp. 47–54 (1995)
BERG, D.J., LEE, C.K., WALKER, L., BUSHNELL, G.W., Chelating triarylgermyl anions as ligands in lanthanide chemistry: synthesis of $Ln[GeAr_3]_2[Ar=C_6H_4(2\text{-}CH_2NMe_2);\ Ln=Sm,\ Yb]$ and the crystal structure of an unusual μ-(*o*-tolylene)digermane byproduct *[Univ. Victoria, Dept. Chem., Victoria, BC, Canada]*

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VIOLA, E., LO STERZO, C., CRESCENZI, R., FRACHEY, G., Formation of metal σ-acetylides of Mo, W, and Ru via palladium-catalyzed metal-carbon coupling *[Univ. Roma La Sapienza, Dipartimento Chim., CNR, Ctr. Studio Meccanismi Reaz., Rome, Italy]*

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CEA-OLIVARES, R., TOSCANO, R.A., SILVESTRU, C., GARCIA-GARCÍA, P., LÓPEZ-CARDOSO, M., BLASS-AMADOR, G., NÖTH, H., Synthesis and structural characterization of phenoxarsin-10-yl dithiocarbamates. $O(C_6H_4)_2AsS_2CN(CH_2CH_2)_2$, a compound containing an asymmetric mononuclear biconnective 1,1-dithiolato ligand *[Univ. Nacl. Autonoma México, Inst. Quim., Mexico City, DF, Mexico; Univ. Autonoma Morelos, Fac. Quim., Cuernavaca, Morelos, Mexico; Univ. Munich, Inst. Organ. Chem., Munich, Germany]*

Vol. 493 pp. 69–75 (1995)
SCHULZ, S., ROESKY, H.W., NOLTEMEYER, M., SCHMIDT, H.-G., Reaktionen von $(Cp'AlCl_2)_2$ und $(Cp^*AlCl_2)_2$ mit Alkyl- bzw. Arylalkaliverbindungen sowie lithiierten Aminen: Struktur von $(Cp'(Ph)AlCl)_2$ und $[Cp'(Cl)AlN(H)^tBu]_2$ *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 493 pp. 77–82 (1995)
RUIZ, J., RODRÍGUEZ, V., LÓPEZ, G., CHALONER, P.A., HITCHCOCK, P.B., Pentahalophenyl palladium and platinum trinuclear complexes with tetrathiomolybdate and tetrathiotungstate *[Univ. Murcia, Dept. Quim. Inorgan., Murcia, Spain; Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 493 pp. 83–89 (1995)
IMORI, T., HEYN, R.H., TILLEY, T.D., RHEINGOLD, A.L., Synthetic, structural and reactivity studies with new Group-4 transition-metal silyl complexes *[Univ. Calif. San Diego, Dept. Chem., La Jolla, CA, USA; Univ. Delaware, Dept. Chem., Newark, DE, USA]*

Vol. 493 pp. 91–94 (1995)
LIU, X.-C., HUBBARD, J.L., SCOUTEN, W.H., Synthesis and structural investigation of two potential boronate affinity chromatography ligands catechol [2-(diisopropylamino) carbonyl]-phenylboronate and catechol [2-(diethylamino)carbonyl, 4-methyl]phenylboronate *[Utah State Univ., Dept. Chem. & Biochem., Logan, UT, USA]*

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COWLEY, A.H., GABBAI, F.P., BERTRAND, G., CARRANO, C.J., BOND, M.R., Structural investigation into the surprising stability of free and complexed bis(amino)phosphine azides *[Univ. Texas, Dept. Chem. & Biochem., Austin, TX, USA; CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France; South-West Texas State Univ., Dept. Chem., San Marcos, TX, USA]*

Vol. 493 pp. 101–105 (1995)
THOMAS, C.J., CEA-OLIVARES, R., ESPINOSA-PÉREZ, G., TURNER, R.W., Synthesis and X-ray crystal structure of $(p\text{-}CH_3C_6H_4)_3As{=}N\text{-}S_3N_3$ *[Univ. Alabama, Dept. Chem., Birmingham, AL, USA; Univ. Nacl. Autonoma México, Inst. Quim., Mexico City, DF, Mexico; Florida A&M Univ., Dept. Chem., Tallahassee, FL, USA]*

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CASAS, J.S., MARTÍNEZ, E. GARCÍA, GONZÁLEZ, A.SÁNCHEZ, SORDO, J., CASELLATO, U., GRAZIANI, R., RUSSO, U., Cationic complexes of diorganotin(IV) derivatives. The crystal structure of tetrakis(1-methyl-2(3H)-imidazolinethione)diethyltin(IV) nitrate *[Univ. Santiago de Compostela, Dept. Quim. Inorgan., Santiago, Spain; CNR, Ist. Chim. & Tecnol. Radioelementi, Padua, Italy; Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy]*

Vol. 493 pp. 113–118 (1995)
SCHOBERT, R., HAMPEL, F., ROTH, K.-D., STÖSS, M., Chemie metallacyclischer Alkenylcarbenkomplexe II. Einfluß des Zentralmetalls auf Struktur, Reaktivität und Elektronentransfereigenschaften *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Organ. Chem., Erlangen, Germany; Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Anorgan. Chem., Erlangen, Germany]*

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ALBERTO, R., SCHIBLI, R., EGLI, A., SCHUBIGER, P.A., HERRMANN, W.A., ARTUS, G., ABRAM, U., KADEN, T.A., Metal carbonyl syntheses. XXII. Low pressure carbonylation of $[MOCl_4]^-$ and $[MO_4]^-$: the technetium(I) and rhenium(I) complexes $[NEt_4]_2[MCl_3(CO)_3]$ *[Paul Scherrer Inst., Div. Radiopharm., Villigen, Switzerland; Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany; Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany; Univ. Basel, Inst. Anorgan. Chem., Basel, Switzerland]*

Vol. 493 pp. 129–132 (1995)
SILVA, M., MARQUES, N., DE MATOS, A. PIRES, Synthesis and reactivity of hydrotris(pyrazolyl)borate σ-hydrocarbyl uranium(IV) complexes *[ICEN, LNETI, Dept. Quim., Sacavém, Portugal]*

Vol. 493 pp. 133–137 (1995)
LARRÉ, C., MAHIEU, A., IGAU, A., MAJORAL, J.-P., From phosphaimines to phosphanes via transient iminozirconiophosphoranes *[CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France]*

Vol. 493 pp. 139–142 (1995)
FISCHER, R.A., SCHULTE, M.M., PRIERMEIER, T., The first volatile di(organogallio) transition-metal carbonylates: *cis*-$(CO)_4Fe\{Ga[(CH_2)_3NMe_2](R)\}_2$(R = ^{t}Bu or C_6H_5), precursors for gallium rich thin Fe-Ga alloy films *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 493 pp. 143–147 (1995)
SCHARBERT, B., ZEISBERGER, E., PAULUS, E., Aerobic epoxidation with a ruthenium-porphyrin catalyst: formation of an inactive carbonyl complex *[Hoechst AG, Frankfurt, Germany]*

Vol. 493 pp. 149–151 (1995)
SPIRLET, M.-R., GOFFART, J., Dicyclopentadienyl complexes of ytterbium(III). The crystal structure of $[Yb(\eta^5\text{-}C_5H_4SiMe_3)_2(\mu\text{-}Cl)]_2$ *[Univ. Liège, Liège, Belgium; State Univ. Liège, Analyt. Chem. & Radiochem. Lab., Liège, Belgium]*

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ROSSENAAR, B.D., KLEVERLAAN, C.J., VAN DE VEN, M.C.E., STUFKENS, D.J., OSKAM, A., FRAANJE, J., GOUBITZ, K., Synthesis and spectroscopic properties of Re(R)(CO)$_3$(α-diimine) (R = alkyl, α-diimine = R'-pyCa, R'-DAB) complexes. Crystal structure of Re(Me)(CO)$_3$(^{i}Pr-DAB) *[Univ. Amsterdam, J.H. Van't Hoff Res. Inst., Inorgan. Chem. Lab., Amsterdam, Netherlands; Univ. Amsterdam, Amsterdam Inst. Molec. Studies, Kristallog. Lab., Amsterdam, Netherlands]*

Vol. 493 pp. 163–166 (1995)
BRUNNER, H., GEHART, G., MEIER, W., WACHTER, J., BURGEMEISTER, T., Chemical evidence for the existence of peralkylated niobocene in a fulvenoid form by its reaction with sulfur *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany; Univ. Regensburg, Inst. Organ. Chem., Regensburg, Germany]*

Vol. 493 pp. 167–173 (1995)
BRAUER, D.J., BÜRGER, H., DITTMAR, T., PAWELKE, G., The effect of trifluoromethyl substitution on the B=N bond in trifluoromethyl-dimethylaminoboranes, $CF_3(R)BNMe_2$: crystal and molecular structure of $CF_3(Et)(NCCH_2)B{\cdot}NHMe_2$ *[Univ. Gesamthsch. Wuppertal, Wuppertal, Germany]*

Vol. 493 pp. 175–179 (1995)
BARR, D., EDWARDS, A.J., RAITHBY, P.R., RENNIE, M.-A., VERHOREVOORT, K.L., WRIGHT, D.S., Syntheses and structural studies of two adducts of cadmocene, $[CdCp_2{\cdot}TMEDA]$ and $[CdCp_2{\cdot}PMDETA]$ (TMEDA = $Me_2NCH_2CH_2NMe_2$, PMDETA = $(Me_2NCH_2CH_2)_2NMe$) *[Univ. Cambridge, Chem. Lab., Cambridge, England; Associated Octel Co. Ltd., South Wirral, England]*

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GUSEV, O.V., MOROZOVA, L.N., PEGANOVA, T.A., PETERLEITNER, M.G., PEREGUDOVA, S.M., DENISOVICH, L.I., PETROSKII, P.V., OPRUNENKO, Y.F., USTYNYUK, N.A., Redox-induced activation of C–H bonds in 1,2,3,4,5-pentamethylcyclopentadiene platinum complexes *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 493 pp. 189–197 (1995)
DICKSON, R.S., HEAZLE, K.D., The assessment of some Sb-Te single-source compounds for MOCVD applications *[Monash Univ., Dept. Chem., Clayton, VIC, Australia]*

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BROWN, M.A., HOWIE, R.A., WARDELL, J.L., COX, P.J., MELVIN, O.A., Synthesis and molecular-structure of methyl 4,6-benzylidene-3-deoxy-3-diphenylarsino-α-D-altropyranoside *[Univ. Aberdeen, Dept. Chem., Aberdeen, Scotland; Robert Gordon Univ., Sch. Pharm., Aberdeen, Scotland]*

Vol. 493 pp. 205–213 (1995)
DEACON, G.B., LAWRENZ, E.T., HAMBLEY, T.W., RAINONE, S., WEBSTER, L.K., Platinum(IV) organometallics. I. Syntheses of *trans*-di(carboxylato)ethane-1,2-diamine-*cis*-bis(pentafluorophenyl)platinum(IV) complexes and the X-ray crystal structure of the *n*-butanoato derivative *[Monash Univ., Dept. Chem., Clayton, VIC, Australia; Univ. Sydney, Dept. Chem., Sydney, NSW, Australia; P. MacCallum Canc. Inst., Exptl. Chemotherapy & Pharmacol. Unit, Melbourne, VIC, Australia]*

Vol. 493 pp. 215–220 (1995)
FORD, A., SINN, E., WOODWARD, S., Regioselectivity in metallation reactions of 2-(2'-naphthyl) pyridine. 1'-versus 3'-reactivity in mercuration and palladation reactions. Crystal structure of chloro(pyridine) [2-(2'-pyridinyl)naphthyl-C^3,*N*]palladium *[Univ. Hull, Sch. Chem., Hull, Yorks, England]*

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MILUKOV, V.A., SINYASHIN, O.G., GINZBURG, A.G., KONDRATENKO, M.A., LOIM, N.M., GUBSKAYA, V.P., MUSIN, R.Z., MOROZOV, V.I., BATYEVA, E.S., SOKOLOV, V.I., First optically active organometallic free radical in the cymantrene series *[Russian Acad. Sci., Kazan Sci. Ctr., A.E. Arbuzov Organ. & Phys. Chem. Inst., Kazan, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 493 pp. 223–227 (1995)
HEMME, I., SCHÄFER, M., HERBST-IRMER, R., KLINGEBIEL, U., Synthese und Kristallstruktur des ersten dimeren Silaamidids *[Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 493 pp. 229–237 (1995)
WONG, W.-Y., CHAN, S., WONG, W.-T., Reactions of the alkylidyne cluster $[Os_3(\mu\text{-}H)_2(CO)_9(\mu_3\text{-}CNC_5H_4\text{-}CH{=}CH_2)]$. Crystal structures of $[Os_3(\mu\text{-}H)_2(CO)_9(\mu_3\text{-}CNC_5H_4\text{-}CH{=}CH_2)]$, $[Os_3(\mu\text{-}H)_2(CO)_9(\mu_3\text{-}CNC_5H_4\text{-}\mu\text{-}\eta^2\text{-}CH{=}CH)Os_3(\mu\text{-}H)(CO)_{10}]$... *[Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]*

Vol. 493 pp. 239–242 (1995)
NAWAR, N., SMITH, A.K., Syntheses of ruthenium-containing heterometallic complexes by use of tridentate phosphine ligands *[Univ. Liverpool, Dept. Chem., Liverpool, Merseyside, England; Mansoura Univ., Fac. Sci., Dept. Chem., Mansoura, Egypt]*

Vol. 493 pp. 243–249 (1995)
CROSS, R.J., KENNEDY, A.R., MANOJLOVIC-MUIR, L., MUIR, K.W., Crystal-structures of the solvates *trans*-$[RhCl_2(MeOH)\{C_6H_3\text{-}2,6\text{-}(CH_2PCy_2)_2\}]\cdot 0.41CH_2Cl_2$ and *trans*-$[RhCl_2(EtOH)\{C_6H_3\text{-}2,6\text{-}(CH_2PCy_2)_2\}]\cdot H_2O$... *[Univ. Glasgow, Dept. Chem., Glasgow, Lanark, Scotland]*

Vol. 493 pp. 251–255 (1995)
MATHUR, P., MANIMARAN, B., HOSSAIN, MD.M., SATYANARAYANA, C.V.V., PURANIK, V.G., TAVALE, S.S., Insertion of methylene group into Fe–Te bond: synthesis and characterization of $\{(CO)_3Fe(\mu\text{-}CH_2)Te\}_2$ *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India; Indian Inst. Technol., Ctr. Reg. Sophisticated Instrumentat., Bombay, Maharashtra, India; Natl. Chem. Lab., Div. Phys. Chem., Bombay, Maharashtra, India]*

Vol. 493 pp. 257–260 (1995)
MATHUR, P., DASH, A.K., HOSSAIN, MD.M., SATYANARAYANA, C.V.V., Acetylenic derivatives of $Fe_2(CO)_6(\mu\text{-}Se_2)$: synthesis and spectroscopic characterization of $[(CO)_6Fe_2\{\mu\text{-}SeC(H)=C(H)Se\}]$ and $[\{(CO)_6Fe_2Se_2\}_2\{\mu\text{-}C(H)\text{-}C(H)\}]$ *[Indian Inst. Technol., Dept. Chem., Bombay, Maharashtra, India; Indian Inst. Technol., Ctr. Reg. Sophisticated Instrumentat., Bombay, Maharashtra, India]*

Vol. 493 pp. 261–266 (1995)
MARCINIEC, B., KRZYZANOWSKI, P., Synthesis, characterization and some reactions of $[(diene)Rh(\mu\text{-}OSiMe_3)]_2$ *[Adam Mickiewicz Univ. Poznan, Fac. Chem., Poznan, Poland]*

Vol. 493 pp. 267–270 (1995)
SZALAY, R., KNAUSZ, D., SZAKÁCS, L., ÚJSZÁSZY, K., CSÁKVÁRI, B., SOHÁR, P., Solvolysis kinetics of trimethylsilyl esters of aromatic *N*-carboxylic acids *[Loránd Eötvös Univ., Dept. Gen. & Inorgan. Chem., Budapest, Hungary]*

Vol. 493 pp. 271–273 (1995)
MAL'KINA, A.G., DEN BESTEN, R., VAN DER KERK, A.C.H.T.M., BRANDSMA, L., TROFIMOV, B.A., Dimetallation of *N*-ethynylpyrrole and subsequent regiospecific derivatization *[Univ. Utrecht, Debye Inst., Dept. Preparat. Organ. Chem., Utrecht, Netherlands; Russian Acad. Sci., Siberian Branch, Inst. Organ. Chem., Irkutsk, Russia; Univ. Utrecht, Dept. Analyt. Molec. Spectrometry, Utrecht, Netherlands]*

Vol. 493 pp. 275–277 (1995)
SHUBINA, E.S., KRYLOV, A.N., BELKOVA, N.V., EPSTEIN, L.M., BORISOV, A.P., MAHAEV, V.D., The role of hydrogen bonds involving the metal atom in protonation of polyhydrides of molybdenum and tungsten of $MH_4(dppe)_2$ *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Russian Acad. Sci., Inst. New Chem. Problems, Chernogolovka, Russia]*

Vol. 493 pp. C1–C5 (1995)
UHL, W., GRAUPNER, R., LAYH, M., SCHÜTZ, U., $In_4\{C(SiMe_3)_3\}_4$ mit In_4-Tetraeder und $In_4Se_4\{C(SiMe_3)_3\}_4$ mit In_4Se_4-Heterocubanstruktur *[Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany]*

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BINGER, P., ALBUS, S., Deltacyclene formation catalyzed by cationic Co(II) complexes *[Max Planck Inst. Coal Res., Mülheim, Germany]*

Vol. 493 pp. C9–C13 (1995)
VIOLA, E., LO STERZO, C., CRESCENZI, R., FRACHEY, G., Formation of Mo, W, Fe and Ru di(metal σ-acetylide) derivatives of 2.5-diethynylthiophene via palladium-catalyzed metal-carbon coupling *[Univ. Roma La Sapienza, Dipartimento Chim., CNR, Ctr. Studio Meccanismi Reaz., Rome, Italy]*

Vol. 493 pp. C14–C18 (1995)
SCHUMANN, H., GLANZ, M., WINTERFELD, J., HEMLING, H., KUHN, N., BOHNEN, H., BLASER, D., BOESE, R., Metallorganische Verbindungen der Lanthanoide. XCVI. Ylidartige Olefinkoordination in Komplexen drewertiger 4f-Elemente *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany; Univ. Gesamthsch. Essen, Inst. Anorgan. Chem., Essen, Germany]*

Vol. 493 pp. C19–C21 (1995)
OGOSHI, S., TSUTSUMI, K., KUROSAWA, H., Synthesis and structure of cationic, η^3-allenyl/propargylpalladium complexes *[Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

Vol. 493 pp. C22–C24 (1995)
CARPENTIER, J.-F., CASTANET, Y., BROCARD, J., MORTREUX, A., ROSE-MUNCH, F., SUSANNE, C., ROSE, E., Oxidative addition of cationic (η^6-chloroarene)tricarbonylmanganese compounds to palladium(o) complexes. Synthesis, characterization and reactivity *[Ecole Natl. Super Chim. Lille, CNRS, URA 402, Catalyse Heterogene & Homogene Lab., Chim. Organ. Appl. Grp., Villeneuve d'Ascq, France; Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France]*

Vol. 493 pp. C25–C28 (1995)
ADAMS, H., BAILEY, N.A., GAY, S.R., HAMILTON, T., MORRIS, M.J., Dealkylation of thiols by alkyne-bridged dimolybdenum complexes *[Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 494 pp. 1–4 (1995)
SEKIGAWA, K., YASUDA, H., TAMAI, H., HIWARA, A., NAKAMURA, A., SAKAI, H., Smoke suppression for poly(vinyl chloride) by iron–organic polymer systems *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan; Osaka Univ., Fac. Sci., Dept. Macromolec. Sci., Toyonaka, Osaka, Japan; Hiroshima Univ., Fac. Sci., Dept. Chem., Higashi-Hiroshima, Japan]*

Vol. 494 pp. 5–10 (1995)
PODESTÁ, J.C., CHOPA, A.B., GIAGANTE, N.N., ZÚÑIGA, A.E., Preparation and some reactions of neophyltin anions *[Univ. Nacl. Sur, Inst. Invest. Quim. Organ., Bahía Blanca, Argentina]*

Vol. 494 pp. 11–16 (1995)
PODESTÁ, J.C., CHOPA, A.B., RADIVOY, G.E., VITALE, C.A., Synthesis and some reactions of mixed (-)-menthyltin hydrides *[Univ. Nacl. Sur, Inst. Invest. Quim. Organ., Bahía Blanca, Argentina]*

Vol. 494 pp. 17–35 (1995)
ROSENBERGER, C., STEUNOU, N., JEANNIN, S., JEANNIN, Y., Synthesis of $[Fe_2(CO)_6(\mu\text{-}SC_2H_3)(\mu\text{-}CCR)]$ (R=CH_3 or C_6H_5) and reactivity with electron-rich molecules, triphenylphosphine, diphenylacetylene, ethylthio(phenyl) ethyne and (diethylamino) propyne... *[Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

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IGOSHI, T., TANASE, T., YAMAMOTO, Y., Novel oxo-bridged dinuclear molybdenum(II) complexes: reaction of $[Mo_2(OCCH_3)_2(CHCN)_6](BF_4)_2$ with aromatic isocyanides... *[Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

Vol. 494 pp. 43–51 (1995)
DENISE, B., PARLIER, A., RUDLER, H., VAISSERMANN, J., Reaction of aminocarbene complexes of chromium and tungsten. 6. Rearrangements of and insertions of alkynes into aziridinylcarbene complexes *[Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 494 pp. 53–64 (1995)
JORDI, L., CAMPS, F., RICART, S., VIÑAS, J.M., MORETÓ, J.M., MEJIAS, M., MOLINS, E., Reaction of ethyl 3,3-diethoxyacrylate with Fischer alkoxyalkynyl transition metal carbene complexes *[CSIC, CID, Dept. Quim. Organ. Biol., Barcelona, Spain; Univ. Autonoma Barcelona, CSIC, Inst. Ciencia Mat., Barcelona, Spain]*

Vol. 494 pp. 65–73 (1995)
LANG, H., BLAU, S., RHEINWALD, G., ZSOLNAI, L., Synthese, Koordinationsverhalten und Thermolyse alkynylfunktionalisierter Übergangsmetall-Komplexe; Kristallstruktur von $\{Mo_2(\eta^5\text{-}C_5H_5)_2(CO)_4[(\mu_4\text{-}\eta^{2;2;2;2}\text{-}Me_3SiC{\equiv}C\text{-}C{\equiv}CSiMe_3)Co_2(CO)_6]\}$ *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 494 pp. 75–80 (1995)
SINGHAL, A., JAIN, V.K., Synthesis and characterization of dimeric organochalcogenido-bridged methylpalladium and allylpalladium complexes *[Bhabha Atom Res. Ctr., Div. Chem., Bombay, Maharashtra, India]*

Vol. 494 pp. 81–87 (1995)
MORI, Y., TAKEHARA, M., SUGIYAMA, T., KAJITANI, M., AKIYAMA, T., YAMASAKI, M., SUGIMORI, A., Addition of $CHSiMe_3$ to the Co–S bond of 1,2,5,3-cobaltadithiazole. Formation and reactions of stereoisomeric cobaltathiirane complexes *[Sophia Univ., Fac. Sci. & Technol., Dept. Chem., Tokyo, Japan; Rigaku Corp., X-Ray Res. Lab., Tokyo, Japan]*

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PIKL, R., KIEFER, W., REUTHER, I., SCHENK, W.A., SCHÖNER, B., SCHUPP, O., BRINGMANN, G., Synthesis and vibrational spectra of thiobutyrolactone and thiono-benzonaphthopyranones and their cyclopentadienyl ruthenium complexes *[Univ. Würzburg, Inst. Phys. Chem., Würzburg, Germany; Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany; Univ. Würzburg, Inst. Organ. Chem., Würzburg, Germany]*

Vol. 494 pp. 95–103 (1995)
ALBERT, J., GRANELL, J., MORAGAS, R., SALES, J., FONT-BARDÍA, M., SOLANS, X., Cyclometallation of 3,5 disubstituted *N*-benzylideneamines by palladium(II). Synthesis and X-ray crystal structure of $[Pd(3,5\text{-}F_2C_6H_2CH{=}NC_6H_5)Br(PPh_3)_2]$ *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain; Univ. Barcelona, Dept. Cristallog. Mineral & Diposits Minerals, Barcelona, Spain]*

Vol. 494 pp. 105–113 (1995)
ANDERSEN, J.-A.M., MOSS, J.R., Mononuclear alkyl and acyl derivatives of rheniumpentacarbonyl: synthesis, characterization and properties *[Univ. Cape Town, Dept. Chem., Rondebosch, South Africa]*

Vol. 494 pp. 115–121 (1995)
ÖZKAR, S., KREITER, C.G., KOTZIAN, M., Gehinderte Ligandbewegungen in Übergangsmetallkomplexen XLV. Struktur und dynamisches Verhalten von *cis*-Dicarbonyl-bis(η^4-1,3-dien)-chrom(0)-, molybdän(0)- und -wolfram(0)-Komplexen *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany; Middle East Tech. Univ., Dept. Chem., Ankara, Turkey]*

Vol. 494 pp. 123–131 (1995)
LUCARINI, M., PEDULLI, G.F., An EPR study of the reaction of tetrabutylammonium borohydride with *N*-Heterocycles *[Univ. Bologna, Dipartimento Chim. Organ., Bologna, Italy]*

Vol. 494 pp. 133–142 (1995)
MÜLLER, T., APELOIG, Y., HEMME, I., KLINGEBIEL, U., NOLTEMEYER, M., Tetrafluorocyclodisilazanes: synthesis, crystal structure, and molecular orbital ab initio calculations *[Technion Israel Inst. Technol., Dept. Chem., Haifa, Israel; Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 494 pp. 143–147 (1995)
HERZOG, U., ROEWER, G., PÄTZOLD, U., Katalytische Hydrierung chlorhaltiger Disilane mit Tributylstannan *[Bergakad. Freiberg, Inst. Anorgan. Chem., Freiberg, Germany]*

Vol. 494 pp. 149–155 (1995)
YIH, K.-H., CHEN, S.-C., LIN, Y.-C., LEE, G.-H., WANG, Y., New syntheses of $[Et_4N][(C_5H_{10}NCS_2)M(CO)_4]$ (M = Cr, Mo and W): Insertion reaction of carbon disulfide into the metal–nitrogen bond *[Natl. Taiwan Univ., Dept. Chem., Taipei, Taiwan]*

Vol. 494 pp. 157–163 (1995)
HABEL, W., OELSCHLÄGER, A., SARTORI, P., Synthese und Charakterisierung von Poly(dialkynylsilylen-co-methylenen) *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany]*

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LEVINA, A., HÉNIN, F., MUZART, J., On the stability of the copper-(S)-proline catalyst in the enantioselective allylic acyloxylation of alkenes *[Univ. Reims, CNRS, Unite Rearrangement Therm. & Photochim., Reims, France]*

Vol. 494 pp. 169–177 (1995)
CABEZA, J.A., DEL RÍO, I., FERNÁNDEZ-COLINAS, J.M., LLAMAZARES, A., RIERA, V., Synthesis, characterization, reactivity, and catalytic hydrogenation activity of the hexanuclear hexahydrido carbonyl cluster compound $[Ru_6(\mu\text{-}H)_6(\mu_3,\eta^2\text{-}ampy)_2(CO)_{14}]$ (ampy = 2-amino-6-methylpyridine) *[Univ. Oviedo, Fac. Quim., Dept. Quim. Organomet., Oviedo, Spain]*

Vol. 494 pp. 179–185 (1995)
JALÓN, F.A., MANZANO, B.R., OTERO, A., RODRÍGUEZ-PÉREZ, M.C., Synthesis and fluxional behaviour of allylpalladium complexes with poly(pyrazol-1-yl)methane ligands *[Univ. Castilla La Mancha, Fac. Quim., Dept. Quim. Inorgan. Organ. & Bioquim., Ciudad Real, Spain]*

Vol. 494 pp. 187–193 (1995)
PFEFFER, M., URRIOLABEITIA, E.P., DE CIAN, A., FISCHER, J., Synthesis and characterization of asymmetric C,N-cyclometallated complexes of Mo(II). X-ray crystal structures of $[(\eta^5\text{-}C_5H_5)Mo\{C_6H_2\text{-}(OCH_2O)\text{-}2,3\text{-}CH_2NMe_2\text{-}6\}(I)(NO)]$ and $[(\eta^5\text{-}C_5H_5)Mo\{S\text{-}C_6H_4CH(Me)NMe_2\text{-}2\}(I)(NO)]$ *[Univ. Strasbourg 1, CNRS, URA 416, Synth. Metalloinduites Lab., Strasbourg, France; Univ. Strasbourg 1, CNRS, URA 424, Cristallochim. & Chim. Struct. Lab., Strasbourg, France]*

Vol. 494 pp. 195–198 (1995)
MORRIS, J.H., PETERS, G.S., SPICER, M.D., 1-Me_2NH-2-CH_2Cl-*closo*-1-$CB_{11}H_{10}$. An unusual product from the insertion reaction of Me_2NBCl_2 with Li_2[7-Me_3N-*nido*-7-$CB_{10}H_{10}$] *[Univ. Strathclyde, Dept. Pure & Appl. Chem., Glasgow, Lanark, Scotland]*

Vol. 494 pp. 199–204 (1995)
KHANNA, A., BALA, A., KHANDELWAL, B.L., Synthesis and multinuclear NMR studies of 3-aminopropyl(aryl)chalcogenides,

$NH_2CH_2CH_2CH_2EAr$ (E=Se, Te), and their complexes with Pt(II) and Pd(II) *[Indian Inst. Technol., Dept. Chem., New Delhi, India]*

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BAKER, P.K., HARMAN, M.E., HURSTHOUSE, M.B., KARAULOV, A.I., LAVERY, A.J., MALIK, K.M.A., MULDOON, D.J., SHAWCROSS, A., Nitrile exchange reactions of $[MI_2(CO)_3(NCMe)_2]$ (M=Mo or W). X-ray crystal structures of the mixed-ligand seven-coordinate complexes $[WI_2(CO)_3(NCR)(AsPh_3)]$ (R=Et or Ph) *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales; Univ. Wales, Coll. Cardiff, Dept. Chem., Cardiff, South Glam, Wales; Zeneca Specialities, Manchester, Lancs, England]*

Vol. 494 pp. 215–222 (1995)
PATINEC, V., YAOUANC, J.-J., CLÉMENT, J.-C., HANDEL, H., DES ABBAYES, H., KUBICKI, M.M., Modes of complexation of non-substituted and substituted tetraazamacrocycles with Group 6 metal carbonyls. X-ray structure of $[(permethylcyclam)Mo(CO)_4]$ *[Univ. Bretagne Occidentale, Fac. Sci., CNRS, Unite Chim. Electrochim. Molec. & Chim. Analyt., Brest, France; Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France]*

Vol. 494 pp. 223–228 (1995)
HÄNSSGEN, D., JANSEN, M., LEBEN, C., OSTER, T., Ein einfaches Verfahren zur Herstellung von Organozinnaziden. Synthese und Struktur der sterisch gehinderten Stannylazide $^tBu_3SnN_3$ und $^tBu_2Sn(N_3)_2$ *[Univ. Bonn, Inst. Anorgan. Chem., Bonn, Germany]*

Vol. 494 pp. 229–233 (1995)
AKAZOME, M., YAMAMOTO, J., KONDO, T., WATANABE, Y., Palladium complex-catalyzed intermolecular reductive *N*-heterocyclization: novel synthesis of quinazoline derivatives from 2-nitrobenzaldehyde or 2-nitrophenyl ketones with formamide *[Kyoto Univ., Grad. Sch. Engn., Div. Energy & Hydrocarbon Chem., Kyoto, Japan]*

Vol. 494 pp. 235–240 (1995)
WACHE, S., Organometallic complex catalysis in water. II. Water soluble organoruthenium(IV) catalysts for the emulsion polymerization of norbornene *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 494 pp. 241–246 (1995)
BURTON, N.C., CLOKE, F.G.N., HITCHCOCK, P.B., MEPSTED, G.O., NEWTON, C., PATEL, H., Preparation of bis(η^6-2-R-benzo[*b*]thiophene)-chromium and -molybdenum R=H, Me, $SiMe_3$) sandwich complexes via metal vapour synthesis. Crystal structure of $[Cr(\eta^6\text{-}2\text{-}Me\ C_8H_5S)_2]$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 494 pp. 247–253 (1995)
TIEKINK, E.R.T., GIELEN, M., BOUHDID, A., BIESEMANS, M., WILLEM, R., Crystal structure of the dimeric bis(*p*-fluoro- and pentafluorophenylacetato)tetra-n-butyldistannoxanes *[Free Univ. Brussels, Fac. Appl. Sci., Dept. Gen. & Organ. Chem., Brussels, Belgium; Free Univ. Brussels, Ctr. High Resolut. NMR, Brussels, Belgium; Univ. Adelaide, Dept. Chem., Adelaide, SA, Australia]*

Vol. 494 pp. 255–259 (1995)
IRIGOYEN, A.M., MARTÍN, A., MENA, M., PALACIOS, F., YÉLAMOS, C., Synthesis and characterization of chlorobis-(dialkylamido) and alkylbis(dialkylamido) derivatives of $[(\eta^5\text{-}C_5Me_5)MCl_3]$(M=Ti,Zr) *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

Vol. 494 pp. 261–265 (1995)
DELGADO, E., FORNIÉS, J., HERNÁNDEZ, E., LALINDE, E., MANSILLA, N., MORENO, M.T., Thiolate derivatives of bis(diphenylphosphinocyclopentadienyl)titanium Ti-Pt and Ti-Pd heterobimetallic compounds *[Univ. Autonoma Madrid, Fac. Ciencias, Dept. Quim. Inorgan., Madrid, Spain; Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain; Univ. La Rioja, Dept. Quim., Logrono, Spain]*

Vol. 494 pp. 267–272 (1995)
CIFUENTES, M.P., JEYNES, T.P., GRAY, M., HUMPHREY, M.G., SKELTON, B.W., WHITE, A.H., Ruthenium clusters with nitrogen ligands. IV. Double C-H activation of ketimine methyl groups on triruthenium carbonyl clusters. crystal structure of $Ru_3(\mu\text{-}H)_2[\mu_3\text{-}\eta^2\text{-}(N,C)\text{-}4\text{-}HOC_6H_4N{=}CMeCH](CO)_9$. Et_2O *[Univ. New England, Dept. Chem., Armidale, NSW, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 494 pp. 273–278 (1995)
LEE, S.-M., CHEUNG, K.-K., WONG, W.-T., Synthesis and characterization of triosmium clusters containing the 2-(benzylthio)benzoyl ligand *[Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]*

Vol. 494 pp. C1–C3 (1995)
DIVERSI, P., ERMINI, L., INGROSSO, G., LUCHERINI, A., PINZINO, C., SAGRAMORA, L., The reaction of benzene with diethylamine in the presence of an iridium(I) mercury(II) based system: a model route for the direct amination of aromatic hydrocarbons *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., Pisa, Italy; CNR, Ist. Chim. Quantist. & Energet. Molec., Pisa, Italy]*

Vol. 494 pp. C4–C7 (1995)
TROYANOV, S., PISAREVSKY, A., STRUCHKOV, YU.T., Synthesis of arene Ti and Zr complexes and their reactivity towards air: crystal structure of $[(C_6H_3Me_3)_2Zr(AlCl_4)](Al_2Cl_7)$ and $TiCl_3(OPh)$ *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

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BUNZ, U.H.F., 1,2-diethynylferrocene *[Max Planck Inst. Polymer Res., Mainz, Germany]*

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ADAMS, H., BAILEY, N.A., MARSON, C.M., RANDALL, L., WINTER, M.J., Synthesis of heterocyclic molybdenum carbene complexes using haloalkyl-substituted epoxides *[Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 494 pp. C15–C18 (1995)
VAN ROOY, A., KAMER, P.C.J., VAN LEEUWEN, P.W.N.M., VELDMAN, N., SPEK, A.L., NMR spectra and crystal structure of a regioselective hydroformylation catalyst complex $RhH(diphosphite)(CO)_2$ *[Univ. Amsterdam, J.H. Van't Hoff Res. Inst., Inorgan. Chem. Lab., Amsterdam, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 494 pp. C19–C21 (1995)
GÓMEZ-SAL, P., IRIGOYEN, A.M., MARTÍN, A., MENA, M., MONGE, M., YÉLAMOS, C., Hydrolysis of (pentamethylcyclopentadienyl)titanium(IV) carbamates. X-ray structure of $[\{Cp^*Ti(\eta^2\text{-}O_2CNEt_2)\}_2(\mu\text{-}O)_2]$ *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

Vol. 494 pp. C22–C23 (1995)
BAUDRY, D., DORMOND, A., HAFID, A., Synthesis and reactivity

of alkynyl(silylamido)uranium complexes *[Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France]*

Vol. 495 pp. 1-31 (1995)
HOLLOWAY, C.E., MELNÍK, M., Mercury organometallic compounds. Classification and analysis of crystallographic and structural data *[York Univ., Dept. Chem., North York, ONT, Canada; Slovak Tech. Univ., Dept. Inorgan. Chem., Bratislava, Slovakia]*

Vol. 495 pp. 33-39 (1995)
KARET, G.B., STERN, C.L., CODY, J.A., LANGE, S.J., PELL, M.A., SLEBODNICK, C., SHRIVER, D.F., Substitution of SO_2 for CO in triruthenium carbonyl anions *[Northwestern Univ., Dept. Chem., Evanston, IL, USA]*

Vol. 495 pp. 41-51 (1995)
WHITE, D., TAVERNER, B.C., COVILLE, N.J., WADE, P.W., Solid angles. III. The role of conformers in solid angle calculations *[Univ. Witwatersrand, Dept. Chem., Ctr. Appl. Chem. & Chem. Technol., Johannesburg, South Africa; CSIR, Div. Water Technol., Pretoria, South Africa]*

Vol. 495 pp. 53-59 (1995)
HEUER, L., SCHOMBURG, D., $^tBu_2PF$ as a ligand in tri-osmium clusters *[Gesell. Biotechnol. Forsch. Mbh, Braunschweig, Germany]*

Vol. 495 pp. 61-69 (1995)
YANG, K., DON, M.-J., SHARMA, D.K., BOTT, S.G., RICHMOND, M.G., Synthesis and reactivity investigation of iridium maleonitriledithiolate complexes. Redox studies and extended Hückel molecular orbital calculations on Cp*IrL(mnt) (where L=PMe_3, PPh_3, CN-t-Bu) *[Univ. North Texas, Dept. Chem., Ctr. Organomet. Res. & Educ., Denton, TX, USA]*

Vol. 495 pp. 71-75 (1995)
DÜMICHEN, U., THIELE, K.-H., GELBRICH, T., SIELER, J., Darstellung und Molekülstruktur von Bis(3-dimethylamino-propylalan) *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Merseburg, Germany; Univ. Leipzig, Inst. Anorgan. Chem., Leipzig, Germany]*

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BENSON, J.W., KEITER, E.A., KEITER, R.L., On the synthesis and $^{31}P\{^1H\}$ NMR spectrum of $(CO)_5W(\mu\text{-}PPh_2CH_2PPh_2)W(CO)_5$ *[Eastern Illinois Univ., Dept. Chem., Charleston, IL, USA]*

Vol. 495 pp. 83-90 (1995)
ZAKRZEWSKI, J., TOSIK, A., BUKOWSKA-STRZYZEWSKA, M., Photochemical reaction of (η^5-cyclopentadienyl) dicarbonyliron iodide with 1-substituted uracils in the presence of diisopropylamine: crystal structure of the $(\eta^5\text{-}C_5H_5)Fe(CO)_2$ complex of deprotonated 5-fluoro-1-(tetrahydro-2-furyl)uracil(*[Univ. Lodz, Dept. Organ. Chem., Lodz, Poland; Tech. Univ. Lodz, Inst. Gen. & Ecol. Chem., Lodz, Poland]*

Vol. 495 pp. 91-96 (1995)
SANTELLI-ROUVIER, C., COIN, C., TOUPET, L., SANTELLI, M., Synthesis of the tertiaryphosphine derivatives of iron carbonyl phosphines: preparation of tetracarbonyl[tris(2-furyl)phosphine]-iron(0), pentacarbonylbis[μ-bis(2-furyl)phosphido]-[tris(2-furyl)-phosphine]diiron(0)... *[Ctr. St Jerome, CNRS, Marseille, France; CNRS, Rennes, France]*

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HONG, F.-E., LUE, I.-R., LO, S.-C., LIN, C.-C., Reactions of molybdenum-cobalt complex with phenylacetylene: X-ray crystal structure of $[MoCo(CO)_4\{CPhCHCHCPh\}(\eta^5\text{-}C_5H_5)]$ *[Natl. Chung-Hsing Univ., Dept. Chem., Taichung, Taiwan]*

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MULLER, G., SAINZ, D., Synthesis of monohydroxy-methyl-phosphine and -ethyl-phosphine PPh_2CHROH *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain]*

Vol. 495 pp. 113-125 (1995)
PIETSCH, J., DAHLENBURG, L., WOLSKI, A., BERKE, H., EREMENKO, I.L., Koordinationschemie funktioneller Phosphine. II. Carbonyl(nitrosyl)wolfram-Komplexe mit 2-Diphenyl-phosphinoanisol sowie 2-Diphenylphosphinoanalid, -benzoat und -phenolat als Liganden *[Friedrich Alexander Univ. Erlangen Nürnberg, Inst. Anorgan. Chem., Erlangen, Germany; Univ. Zürich, Inst. Anorgan. Chem., Zürich, Switzerland]*

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WEBER, L., MISIAK, H., Übergangsmetall-substituierte Diphosphene. XXXVI. Cyclopropanierung der P=P-Bindung in den [3+2]-Cycloaddukten aus Metallodiphosphenen und Hexafluoroaceton... *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

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EGOROV, A.M., ANISIMOV, A.V., Reaction of magnesium with benzyl halides in an optically active solvent *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 495 pp. 135-140 (1995)
LANG, H., KÖHLER, K., SCHIEMENZ, B., Lewis-Basen Addukte monomerer Bis(η^2-alkin)Ag^IX-verbindungen (X=BF_4 oder OSO_2CF_3) *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 495 pp. 141-148 (1995)
BRUCE, M.I., HINCHLIFFE, J.R., SKELTON, B.W., WHITE, A.H., Cluster chemistry. Part 97. Some unusual complexes obtained from reactions of $Ru_3(\mu\text{-dppm})(CO)_{10}$ and C_7 or C_8 hydrocarbons *[Univ. Adelaide, Dept. Chem., Jordan Labs, Adelaide, SA, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

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SZYMANSKA-BUZAR, T., DOWNS, A.J., GREENE, T.M., MARSHALL, A.S., Matrix-isolation studies of alkyne complexes in the photochemical reactions of $Mo(CO)_6$ with alkynes *[Wroclaw B. Beirut Univ., Inst. Chem., Wroclaw, Poland; Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 495 pp. 163-175 (1995)
SZYMANSKA-BUZAR, T., DOWNS, A.J., GREENE, T.M., MARSHALL, A.S., The photochemical behaviour of matrix-isolated $W(CO)_6$ in the presence of alkynes *[Wroclaw B. Beirut Univ., Inst. Chem., Wroclaw, Poland; Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

Vol. 495 pp. 177-184 (1995)
DAS, M.K., DE, S., Studies on the diorganotin(IV) complexes of some dihydroxamic acids *[Jadavpur Univ., Dept. Chem., Jadavpur, West Bengal, India]*

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FORNIÉS, J., MARTÍNEZ, F., NAVARRO, R., URRIOLABEITIA, E.P., Synthesis and reactivity of acetylacetonato-C^3 complexes of M^{II} (M=Pd or Pt): X-ray crystal structure of $[Pd(C_6F_5)(OOCPh)\text{-}(bipy)]\cdot CHCl_3$ *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain]*

Vol. 495 pp. 195-202 (1995)
OKUDA, J., DU PLOOY, K.E., TOSCANO, P.J., Synthesis and characterization of titanium complexes containing the

1-(3-butenyl)-2,3,4,5-tetramethylcyclopentadienyl ligand *[Univ. Marburg, Fachbereich Chem., Marburg, Germany; SUNY Albany, Dept. Chem., Albany, NY, USA]*

Vol. 495 pp. 203–208 (1995)
LIN, G.Y., WONG, W.-T., Synthesis and crystal structure of $[(\eta^5:\eta^5\text{-}C_5H_4PPh_2)Tl]_\infty$ and the divalent ytterbium derivative $[(\eta^5\text{-}C_5H_4PPh_2)_2Yb(DME)]$ *[Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]*

Vol. 495 pp. 209–213 (1995)
HERRMANN, W.A., KÜHN, F.E., ROMAO, C.C., Mehrfachbindungen zwischen Hauptgruppenelementen und Übergangsmetallen. CXLVIII. Alkinylrhenium(VII)-oxide – Synthese, Eigenschaften und Abbaureaktionen *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 495 pp. 215–220 (1995)
RAMSDEN, J.A., MILNER, D., ADAMS, H., BAILEY, N.A., WHITE, C., Chiral tetramethylcyclopentadienyl complexes of rhodium: synthesis and crystal structure of $[Rh\{\eta^5\text{-}C_5Ph_4CH(Me)\text{-}Ph\}(cod)]$ *[Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England; Zeneca Specialities, Manchester, Lancs, England]*

Vol. 495 pp. C1–C5 (1995)
ORSINI, F., PULICI, M., VALLARINO, L.M., Low-valent complexes of cobalt and phosphorus donor ligands as mediators in Reformatsky-type reactions *[No address]*

Vol. 495 pp. C6–C11 (1995)
POHL, D., ELLERMANN, J., KNOCH, F.A., MOLL, M., Chemie polyfunktioneller Moleküle. CXVII. Synthese und Molekülstruktur von $[Co^{+1}(CO)_2(Ph_2P\text{-}N\text{-}P(O)Ph^{\ominus}{}_2\text{-}P\}(Ph_2P\text{-}NH\text{-}PPh_2)]\cdot 2CH_3OH$ *[No address]*

Vol. 495 pp. C12–C14 (1995)
SCHUMANN, H., ROSENTHAL, E.C.E., WINTERFELD, J., KOCIOK-KÖHN, G., Metallorganische Verbindungen der Lanthanoide. XCVIII. Synthese und Strukturaufklärung von Dichloro(η^5-2,5-di-tert.-butylpyrrolyl)bis(tetrahydrofuran)ytterbium(III) *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

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DOAK, G.O., FREEDMAN, L.D., Bismuth: Annual survey covering the year 1993 *[North Carolina State Univ., Dept. Chem., Raleigh, NC, USA]*

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MICHALSKA, Z.M., OSTASZEWSKI, B., STRZELEC, K., Selective addition of hydrosilanes to 1,3-dienes catalyzed by polyamide-supported metal complex catalysts *[Tech. Univ. Lodz, Inst. Polymer, Lodz, Poland]*

Vol. 496 pp. 27–35 (1995)
BORDONI, S., BUSETTO, L., CALDERONI, F., CARLUCCI, L., LASCHI, F., ZANELLO, P., ZANOTTI, V., Redox chemistry and substitution reactions of the μ-cyanoalkylidene complexes $[Fe_2(CO)_2(Cp)_2(\mu\text{-}CO)\{\mu\text{-}C(CN)(X)\}]^{n+}$ (n=0, X=CN, H, Me, SMe, OMe, OEt, OPh, $OCH_2CH{=}CH_2$ PEt_2, or NC_5H_{10}, n=1, X=PMe_2Ph) *[Univ. Bologna, Dipartimento Chim. Fis. & Inorgan., Bologna, Italy; Univ. Siena, Dipartimento Chim., Siena, Italy]*

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WANG, S.W., KONG, D.Y., YE, Z.W., HUANG, X.Y., Synthesis and X-ray structural investigation of triindenyl tetrahydrofuranato praseodymium *[Anhui Normal Univ., Inst. Organ. Chem., Wuhu, P.R. China; Fujian Inst. Res. Struct. Matter, Fujian, P.R. China]*

Vol. 496 pp. 43–48 (1995)
BÖTTCHER, C., RODEWALD, D., REHDER, D., Isonitrile complexes of vanadium(II) *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 496 pp. 49–58 (1995)
SCHMIDT, G., SCHITTENHELM, N., BEHRENS, U., Metallorganische Verbindungen des Kupfers. VIII. Unteruchungen über die Koordinationschemie von heteroatomverbrückten Bisalkinen am Beispiel von Kupfer(I)-halogenid- und -trifluormethylsulfonat-Komplexen *[Univ. Hamburg, Inst. Inorgan. & Appl. Chem., Hamburg, Germany]*

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CARMALT, C.J., COWLEY, A.H., DECKEN, A., NORMAN, N.C., Structural studies on aryl bismuth halides and halogenoanions. Part 4. Neutral Lewis base adducts of aryl bismuth dibromide and diaryl bismuth bromide compounds *[Univ. Newcastle Upon Tyne, Dept. Chem., Newcastle upon Tyne, Tyne & Wear, England; Univ. Texas, Dept. Chem. & Biochem., Austin, TX, USA]*

Vol. 496 pp. 69–85 (1995)
PETTINARI, C., LORENZOTTI, A., SCLAVI, G., CINGOLANI, A., RIVAROLA, E., COLAPIETRO, M., CASSETTA, A., Synthesis and spectroscopic investigations (IR, NMR and Mössbauer) of tin(IV) and organotin(IV) derivatives of bis(pyrazol-1-yl) alkanes: X-ray crystal structures of bis(4-methylpyrazol-1-yl) methane and its dimethyltin(IV) dichloride adduct *[Univ. Camerino, Dipartimento Sci. Chim., Camerino, Italy; Univ. Palermo, Dipartimento Chim. Inorgan., Palermo, Italy; Univ. Roma La Sapienza, Dipartimento Chim., Rome, Italy; CNR, Ist. Strutturist. Chim. G. Giacomello, Trieste, Italy]*

Vol. 496 pp. 87–92 (1995)
WATANABE, M., MOTOYAMA, I., TAKAYAMA, T., SHIMOI, M., SANO, H., Molecular structure of iodo (1.1)ferrocenyl-ruthenocenophanium$^+$ BF_4^- salt *[Kanagawa Univ., Fac. Engn., Dept. Chem., Yokohama, Kanagawa, Japan; Univ. Tokyo, Coll. Arts & Sci., Dept. Chem., Tokyo, Japan; Tokyo Metropolitan Univ., Fac. Sci., Dept. Chem., Tokyo, Japan]*

Vol. 496 pp. 93–97 (1995)
KAKKONEN, H.J., TUNKKARI, L., AHLGRÉN, M., PURSIAINEN, J., PAKKANEN, T.A., Reaction of $[H_2Ru_3Rh(CO)_{12}]^-$ cluster anion with $AuPPh_3Cl$ and structural characterization of $AuHRh_2Ru_3(CO)_{13}(PPh_3)_2$ by X-ray diffraction and ^{31}P and ^1H-NMR spectroscopy *[Univ. Joensuu, Dept. Chem., Joensuu, Finland]*

Vol. 496 pp. 99–102 (1995)
BATHEJA, R., DHINGRA, S.K., SINGH, A.K., Ternary complexes of palladium(II) containing (Te,S) and (Te,N) hybrid organotellurium ligands: synthesis, spectra and cis-trans isomeric conversion *[Indian Inst. Technol., Dept. Chem., New Delhi, India]*

Vol. 496 pp. 103–107 (1995)
NEGREBETSKY, V.V., NEGREBETSKY, V.V., SHIPOV, A.G., KRAMAROVA, E.P., BAUKOV, YU.I., Intermolecular and intramolecular coordination interactions in solutions of N-(dimethylchlorosilylmethyl) acetamides *[Russian State Med. Univ., Moscow, Russia]*

Vol. 496 pp. 109–115 (1995)
TAKAHASHI, A., MIZOBE, Y., TANASE, T., HIDAI, M., Syntheses and characterization of diruthenium(III) alkyl-alkyl and alkyl-alkynyl complexes with two bridging thiolate ligands $[CP^*RuR(\mu\text{-}SPr^i)_2RuCp^*R']$($Cp^*$=$\eta^5$-$C_5Me_5$)... *[Univ. Tokyo, Fac. Engn., Dept. Chem. & Biotechnol., Tokyo, Japan; Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

Vol. 496 pp. 117–125 (1995)
VAN WALREE, C.A., LAUTESLAGER, X.Y., VAN WAGENINGEN, A.M.A., ZWIKKER, J.W., JENNESKENS, L.W., Transmission of electronic effects via a $SiMe_2$ spacer in 4-mono- and 4,4'-disubstituted diphenyldimethylsilanes: ^{29}Si and ^{13}C NMR spectroscopy and PM_3 semi-empirical calculations *[Univ. Utrecht, Debye Inst., Dept. Phys. Organ. Chem., Utrecht, Netherlands]*

Vol. 496 pp. 127–135 (1995)
BOUANCHEAU, C., RUDLER, M., CHELAIN, E., RUDLER, H., VAISSERMANN, J., DARAN, J.-C., Reaction of aminocarbene complexes of chromium with alkynes. IV. New transformations of the nitrogen ylide complexes derived therefrom *[Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France; Univ. Paris 06, CNRS, URA 419, Chim. Met. Transit. Lab., Paris, France]*

Vol. 496 pp. 137–152 (1995)
FREEDMAN, L.D., DOAK, G.O., Antimony: Annual survey covering the year 1993 *[North Carolina State Univ., Dept. Chem., Raleigh, NC, USA]*

Vol. 496 pp. 153–157 (1995)
CANO, A.C., TOSCANO, R.A., BERNES, S., MELLADO, O.G., ALVAREZ-TOLEDANO, C., RUDLER, H., Reaction of η^4-ketene complexes of iron with a phosphorus-sulfur ylide (Davy reagent): Insertion of sulfur into a carbon–iron bond with formation of ferrathiolactones *[Univ. Nacl. Autonoma México, Inst. Quim., Mexico City, DF, Mexico; Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France]*

Vol. 496 pp. 159–168 (1995)
COOLEN, H.K.A.C., NOLTE, R.J.M., VAN LEEUWEN, P.W.N.M., $HRh[P(OPh)_3]_4$ as a hydrogenation and isomerization catalyst *[Univ. Amsterdam, J.H. Van't Hoff Res. Inst., Inorgan. Chem. Lab., Amsterdam, Netherlands; Univ. Nijmegen, Nijmegen Son. Res. Ctr., Dept. Organ. Chem., Nijmegen, Netherlands]*

Vol. 496 pp. 169–174 (1995)
ZÚÑIGA-VILLARREAL, N., SILVESTRU, C., LEZAMA, M.R., HERNÁNDEZ-ORTEGA, S., TOLEDANO, C.A., Synthesis, spectroscopic characterization and crystal and molecular structure of tetrakis(carbonyl)(tetraphenyldithioimidodiphosphinato) manganese(I), $Mn(CO)_4[(SPPh_2)_2N]$ *[Univ. Nacl. Autonoma México, Inst. Quim., Mexico City, DF, Mexico]*

Vol. 496 pp. 175–186 (1995)
BILDSTEIN, B., DENIFL, P., WURST, K., Redox-responsive surfactants: synthesis of 1,1-diferrocenyl-*n*-alkanes (C_1, C_5, C_7, C_{19}) via reaction of (diferrocenyl) methyl carbocation with carbanions *[Innsbruck Univ., Inst. Allgemeine Anorgan. & Theoret. Chem., Innsbruck, Austria]*

Vol. 496 pp. 187–190 (1995)
NIKONOV, G.I., LEMENOVSKII, D.A., KUZMINA, L.G., Unprecedented formation of ethylene during the synthesis of a Nb-Rh bimetallic complex: molecular structure of $Cp'_2Nb(\mu\text{-}PPh_2)_2RhC_2H_4$ *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia]*

Vol. 496 pp. 191–196 (1995)
LORENZ, I.-P., THUROW, K., Synthese und Eigenschaften des Diferriosulfans $\{cpfe(co)_2\}_2S$ und der Di- und Triferriosulf(ox)onium-Salze $[\{CpFe(CO)_2\}_2S(O)_nCl]Cl$ (n=0,1) and $[\{CpFe(CO)_2\}_3S]Cl$ *[Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 496 pp. 197–205 (1995)
MEISTER, G., RHEINWALD, G., STOECKLI-EVANS, H., SÜSS-FINK, G., Activation d'hydrogène par des complexes arène-ruthénium en solution aqueuse. III. Synthèse de complexes hydrures hétérométalliques ruthénium-rhodium *[Univ. Neuchâtel, Inst. Chim., Neuchâtel, Switzerland]*

Vol. 496 pp. 207–216 (1995)
WERNER, H., SCHWAB, P., HEINEMANN, A., STEINERT, P., Bis(triisopropylarsan)- und Bis(triisopropylstiban)-Rhodium(I)-Komplexe mit Isonitrilen, Olefinen, Alkinen und Diinen als Liganden *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 496 pp. 217–220 (1995)
GALAKHOV, M., MARTÍN, A., MENA, M., YÉLAMOS, C., Synthesis via amine elimination and characterization of new heterobimetallic complexes containing the (pentamethylcyclopentadienyl) titanium(IV) moiety *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

Vol. 496 pp. 221–226 (1995)
CHO, C.S., OHE, T., UEMURA, S., Palladium(0)-catalyzed carbonylation of aryl and alkenyl boronic acids with carbon monoxide leading to esters and ketones. Transformation of a C–B bond to a C–CO bond *[Kyoto Univ., Grad. Sch. Engn., Div. Energy & Hydrocarbon Chem., Kyoto, Japan]*

Vol. 496 pp. 227–232 (1995)
LEMENOVSKII, D.A., NIKONOV, G.I., BRUSOVA, G.P., KUZMINA, L.G., STANKOVIC, E., PUTALA, M., The chemistry of hydride, halide and alkyl niobocene complexes with coordinated diazoalkanes *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia; Comenius Univ. Bratislava, Fac. Nat. Sci., Bratislava, Slovakia]*

Vol. 496 pp. 233–240 (1995)
SCHUMANN, H., ROSENTHAL, E.C.E., KOCIOK-KÖHN, G., MOLANDER, G.A., WINTERFELD, J., Organometallic compounds of the lanthanides. XCVII. Synthesis and Crystal structures of monomeric bis(ethyltetramethylcyclopentadienyl) amide and alkyl derivatives of the lanthanides *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Univ. Colorado, Dept. Chem. & Biochem., Boulder, CD, USA]*

Vol. 496 pp. 241–243 (1995)
KLINKHAMMER, K.W., KÜHNER, S., REGELMANN, B., WEIDLEIN, J., Die Kristall- und Molekülstruktur von Tetrakis-(trimethylstannyl)methan *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

Vol. 496 pp. 245–248 (1995)
BARDAJÍ, M., LAGUNA, A., LAGUNA, M., Phosphoniodithioformate gold derivatives. Synthesis of tricationic gold(II) complexes *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain]*

Vol. 496 pp. C1–C3 (1995)
ANNUNZIATA, R., CENINI, S., DEMARTIN, F., PALMISANO, G., TOLLARI, S., Five- and six-membered indole-fused platinacycles *[No address]*

Vol. 496 pp. C5–C8 (1995)
SCHUMANN, H., SÜHRING, K., WEIMANN, R., Hochsubstituierte Decabenzylmetallocene: Synthese und Strukturaufklärung von Deca(4-acetylbenzyl)ferrocen $Fe[C_5(CH_2C_6H_4C(O)CH_3)_5]_2$ *[No address]*

Vol. 497 pp. 1–9 (1995)
CHEN, Y.-X., RAUSCH, M.D., CHIEN, J.C.W., Silylene-bridged fluorenyl-containing ligands and zirconium complexes with C_1 and

C_S symmetry: general synthesis and olefin polymerization catalysis *[Univ. Massachusetts, Dept. Chem., Amherst, MA, USA; Univ. Massachusetts, Dept. Polymer Sci. & Engn., Mat. Res. Lab., Amherst, MA, USA]*

Vol. 497 pp. 11–15 (1995)
WILLOUGHBY, C.A., DAVIS, W.M., BUCHWALD, S.L., Preparation and X-ray structure of a novel chiral methylene bridged titanocene complex *[MIT, Dept. Chem., Cambridge, MA, USA]*

Vol. 497 pp. 17–25 (1995)
PUPI, R.M., COALTER, J.N., PETERSEN, J.L., Structural studies of monocyclopentadienyl titanium and zirconium complexes containing a diisopropylamide ligand. Evidence of a β-agostic interaction in $(C_5H_5)M[N(^iC_3H_7)_2]Cl_2$ *[West Virginia Univ., Dept. Chem., Morgantown, WV, USA]*

Vol. 497 pp. 27–32 (1995)
JÜNGLING, S., MÜLHAUPT, R., The influence of methylalumoxane concentration on propene polymerization with homogeneous metallocene-based Ziegler-Natta catalysts *[Albert Ludwigs Univ., Inst. Makromolek. Chem., Freiburg, Germany; Albert Ludwigs Univ., Freiburger Mat. Forschungszentrum, Freiburg, Germany]*

Vol. 497 pp. 33–41 (1995)
GYEPES, R., MACH, K., CÍSAROVÁ, I., LOUB, J., HILLER, J., SINDELÁR, P., Easy formation of titanocene hydride-magnesium complexes in the $(C_5H_{5-n}Me_n)_2TiCl_2$(n=3-5)-dibutylmagnesium systems *[Acad. Sci. Czech Rep., J. Heyrovsky Inst. Phys. Chem. & Electrochem., Prague, Czech Rep.; Charles Univ., Dept. Inorgan. Chem., Prague, Czech Rep.; Univ. Ulm, Dept. X-ray & Electron Diffract., Ulm, Germany; Polymer Inst. Brno, Brno, Czech Rep.]*

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HALTERMAN, R.L., RAMSEY, T.M., PAILES, N.A., KHAN, M.A., Application of the double Pauson-Khand cyclization to the synthesis of bis(cyclopentadienes): preparation of phenyl-bridged bis(tetrahydroindenyl)titanium and zirconium dichlorides *[Univ. Oklahoma, Dept. Chem. & Biochem., Norman, OK, USA]*

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BOCHMANN, M., LANCASTER, S.J., Cationic group IV metal alkyl complexes and their role as olefin polymerization catalysts: The formation of ethyl-bridged dinuclear and heterodinuclear zirconium and hafnium complexes *[Univ. East Anglia, Sch. Chem. Sci., Norwich, Norfolk, England]*

Vol. 497 pp. 61–71 (1995)
SCHARRER, E., BROOKHART, M., Insertion reactions of electrophilic iron carbene complexes with organosilanes: a synthetic and mechanistic study *[Univ. North Carolina, Dept. Chem., Chapel Hill, NC, USA]*

Vol. 497 pp. 73–79 (1995)
RIEGER, B., ABU-SURRAH, A.S., FAWZI, R., STEIMANN, M., Synthesis of chiral and C_2-symmetrical iron(II) and cobalt(II) complexes bearing a new tetradentate amine ligand system *[Univ. Tübingen, Inst. Anorgan. Chem., Tübingen, Germany]*

Vol. 497 pp. 81–89 (1995)
AMEVOR, E., BÜRLI, R., CONSIGLIO, G., Copolymerization of cyclopentene and carbon monoxide with palladium catalysts *[ETH Zentrum, Dept. Ind. & Engn. Chem., Zürich, Switzerland]*

Vol. 497 pp. 91–104 (1995)
LOHRENZ, J.C.W., WOO, T.K., FAN, L.Y., ZIEGLER, T., A density functional study on the insertion mechanism and chain termination in Kaminsky-type catalysts; comparison of frontside and backside attack *[Univ. Calgary, Dept. Chem., Calgary, ALB, Canada; Novacor Res & Technol. Corp., Calgary, ALB, Canada]*

Vol. 497 pp. 105–111 (1995)
RAZAVI, A., ATWOOD, J.L., Preparation and crystal structures of the complexes $(\eta^5\text{-}C_5H_3Me\text{-}CMe_2\text{-}\eta^5\text{-}C_{13}H_8)MCl_2$ (M=Zr or Hf): mechanistic aspects of the catalytic formation of a syndiotactic-isotactic stereoblock-type polypropylene *[Fina Res., Petrofina Grp., Ctr. Rech, Feluy, Belgium; Univ. Missouri, Dept. Chem., Columbia, MO, USA]*

Vol. 497 pp. 113–118 (1995)
BUSICO, V., CIPULLO, R., Growing chain isomerizations in metallocene-catalyzed Ziegler-Natta 1-alkene polymerization *[Univ. Napoli Federico II, Dipartimento Chim., Naples, Italy]*

Vol. 497 pp. 119–125 (1995)
SIEDLE, A.R., NEWMARK, R.A., Stereochemical nonrigidity in metallocenium ions *[3M Co, Corp. Res. Labs, St. Paul, MN, USA]*

Vol. 497 pp. 127–131 (1995)
AMOR, J.I., CUENCA, T., GALAKHOV, M., ROYO, P., Synthesis of bis(*tert*-butyl)cyclopentadienyl derivatives of titanium and zirconium. NMR spectra and dynamic behaviour of the base-free $[Zr(1,3\text{-}^tBu_2\text{-}\eta^5\text{-}C_5H_3)(CH_2Ph)_2]^+$ cation *[Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain]*

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KUNTZ, B.A., RAMACHANDRAN, R., TAYLOR, N.J., GUAN, J.Y., COLLINS, S., Addition of a sterically hindered, chiral crotyl *ansa*-titanocene complex to aldehydes *[Univ. Waterloo, Dept. Chem., Waterloo, ONT, Canada]*

Vol. 497 pp. 143–147 (1995)
JEREMIC, D., WANG, Q.Y., QUYOUM, R., BAIRD, M.C., Polymerization of norbornene and 1,5-hexadiene by $[Cp^*TiMe_2]$-$[MeB(C_6F_5)_3]$ *[Queens Univ., Dept. Chem., Kingston, ONT, Canada]*

Vol. 497 pp. 149–159 (1995)
BÜRGI, T., BERKE, H., WINGBERMÜHLE, D., PSIORZ, C., NOE, R., FOX, T., KNICKMEIER, M., BERLEKAMP, M., FRÖHLICH, R., ERKER, G., Monitoring the electronic features of rigid C_1-bridged Group-4 ansa-metallocenes by using the dynamic and structural properties of their *s-cis*-η^4-butadiene complexes *[Univ. Zürich, Inst. Anorgan. Chem., Zürich, Switzerland; Univ. Münster, Inst. Organ. Chem., Münster, Germany]*

Vol. 497 pp. 161–170 (1995)
BUIJINK, J.-K.F., MEETSMA, A., TEUBEN, J.H., KOOIJMAN, H., SPEK, A.L., Alkylation and reductive dimerization of half-sandwich imido vanadium dichlorides *[Univ. Groningen, Dept. Chem., Groningen Ctr. Catalysis & Synth., Groningen, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 497 pp. 171–180 (1995)
CHACON, S.T., COUGHLIN, E.B., HENLING, L.M., BERCAW, J.E., C_2-symmetric *ansa* metallocenes of titanium and zirconium with a ligand system that yields pure *rac* isomer: preparation and crystal structures of *rac*-$\{(\eta^5\text{-}C_5H_2\text{-}2\text{-}SiMe_3\text{-}4\text{-}CMe_3)_2SiMe_2\}MCl_2$ (M=Ti or Zr) *[Cal. Inst. Tech., Arnold & Mabel Beckman Labs Chem. Synth., Pasadena, CA, USA]*

Vol. 497 pp. 181–193 (1995)
KAMINSKY, W., RABE, O., SCHAUWIENOLD, A.-M., SCHUPFNER, G.U., HANSS, J., KOPF, J., Crystal structure and propene polymerization characteristics of bridged zirconocene catalysts *[Univ. Hamburg, Inst. Tech. & Makromolek. Chem., Hamburg, Germany; Univ. Hamburg, Inst. Anorgan. & Angew.*

Chem., Hamburg, Germany]

Vol. 497 pp. 195–200 (1995)
NGUYEN, S.B.T., GRUBBS, R.H., The syntheses and activities of polystyrene-supported olefin metathesis catalysts based on $Cl_2(PR_3)_2Ru{=}CH{-}CH{=}CPh_2$ *[Cal. Inst. Tech., Arnold & Mabel Beckman Labs Chem. Synth., Pasadena, CA, USA]*

Vol. 497 pp. 201–209 (1995)
MONTAG, P., LEEK, Y.V.D., ANGERMUND, K., FINK, G., Mechanistische Untersuchingen der Propenpolymerisation mit dem katalytischen System [2,4-Cyclopentadien-1-yliden(methyl-ethyliden)1H-inden-1-yliden]zirkoniumdichlorid-Methyl-aluminoxan *[Max Planck Inst. Kohlenforsch., Mülheim, Germany]*

Vol. 497 pp. C1–C3 (1995)
SCOTT, P., HITCHCOCK, P.B., Synthesis, structure and electrochemistry of the first fulvalene derivative of an actinide *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 497 pp. C4–C6 (1995)
HERRMANN, W.A., BARATTA, W., MORAWIETZ, M.J.A., First amido-functionalized *ansa*-molybdenocene-type complexes *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 498 pp. 1–14 (1995)
ÖFELE, K., HERRMANN, W.A., MIHALIOS, D., ELISON, M., HERDTWECK, E., PRIERMEIER, T., KIPROF, P., Heterocyclisch Carbene. IV. Metallkomplexe mit heterocyclischen Carben-Liganden: Synthese, Struktur, Strukturdynamik *[Tech. Univ. Munich, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 498 pp. 15–24 (1995)
BERNES, S., TOSCANO, R.A., CANO, A.C., MELLADO, O.G., ALVAREZ-TOLEDANO, C., RUDLER, H., DARAN, J.-C., Formation and X-ray structure of the μ-alkylidene complex $Fe_2(CO)_6(\mu\text{-}\eta^3, \eta^3\text{-}C(CH{=}CHPh)_2)$ upon deoxygenation of $Fe_2(CO)_8(\mu\text{-}\eta^2,\eta^2\text{-}C(O)(CH{=}CHPh)_2)$ with methyl lithium *[Inst. Quim., Coyoacán, Mexico; Univ. Paris 06, CNRS, URA 408, Chim. Organ. Lab, Paris, France; Univ. Toulouse 3, CNRS, Chim. Coordinat Lab., Toulouse, France]*

Vol. 498 pp. 25–27 (1995)
NOVIKOVA, L.N., MAZURCHIK, B.A., USTYNYUK, N.A., OPRUNENKO, Y.F., ROCHEV, V.Y., BEKESHEV, V.G., Oxidatively induced coupling of fluorenyl ligands in 9-methylfluorenyliron complexes *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Russian Acad. Sci., N.N. Semenov Chem. Phys. Inst., Moscow, Russia]*

Vol. 498 pp. 29–35 (1995)
RODEWALD, D., SCHULZKE, C., REHDER, D., Alkyne-niobium(I) complexes with functionalized alkynes: synthesis, structure and reactivity *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 498 pp. 37–39 (1995)
RUFANOV, K.A., CHURAKOV, A.V., KAZENNOVA, N.B., BRUSOVA, G.P., LEMENOVSKII, D.A., KUZ'MINA, L.G., Unusual reactivity of tritylcyclopentadienylmetal derivatives. Molecular structure of $Ph_3CC_5H_4SnMe_3$ and $Ph_3CC_5H_4TiCl_3$ *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia; Russian Acad. Sci., N.S. Kurnakov Inst. Gen. & Inorgan. Chem., Moscow, Russia]*

Vol. 498 pp. 41–47 (1995)
SERP, P., FEURER, R., MORANCHO, R., KALCK, P., DARAN, J.-C., VAISSERMAN, J., Mechanistic studies of the activation and the decomposition of $[Rh_2Cl_2(CO)_4]$ in organometallic chemical vapour deposition *[Ecole Natl. Super Chim. Toulouse, Chim. Proc. Lab., Toulouse, France; ENSCT, Cristallochim. React. & Protect. Mat. Lab., CNRS, Toulouse, France; Chim. Met. Transit. Lab., Paris, France]*

Vol. 498 pp. 49–52 (1995)
TAKAGUCHI, Y., FUJIHARA, H., FURUKAWA, N., Molecular dynamics of sterically hindered dihalo- and diacyloxydiaryl-telluranes *[Univ. Tsukuba, Dept. Chem., Tsukuba, Ibaraki, Japan]*

Vol. 498 pp. 53–61 (1995)
KOMATSUZAKI, N., UNO, M., SHIRAI, K., TANAKA, T., SAWADA, M., TAKAHASHI, S., Synthesis of planar-chiral cobalticinium complexes *[Osaka Univ., Inst. Sci. & Ind. Res., Osaka, Japan]*

Vol. 498 pp. 63–71 (1995)
KLÄUI, W., HARDT, T., SCHULTE, H.-J., HAMERS, H., Oxidationreaktionen von Molybdän- und Wolframcarbonyl-Carbinkomplexen. Koordination der W≡C-Einheit an Palladium(o) activiert Carbonyl- und schützt Carbinliganden bei der Synthese von Wolfram(VI)-Chlorocarbinkomplexen *[Univ. Düsseldorf, Inst. Anorgan. Chem. & Strukturchem., Düsseldorf, Germany]*

Vol. 498 pp. 73–80 (1995)
GERVASIO, G., SAPPA, E., Reactions of $[Fe_3(CO)_{12}]$ with asymmetrically substituted alkynes. I. Chemical relationships between the $[Fe_3(CO)_9(\mu_3\text{-}\eta^2\text{-}C_2RR')]$ and the carboxylato complexes $[Fe_2(CO)_6\{RC_2R'(COO)\}]$. The splitting of a water molecule... *[Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy]*

Vol. 498 pp. 81–83 (1995)
BHAWMICK, R., BISWAS, H., BANDYOPADHYAY, P., Oxygen insertion into palladium–arene bonds by iodosylbenzene *[Univ. North Bengal, Dept. Chem. Darjeeling, Raja Rammohanpur, West Bengal, India]*

Vol. 498 pp. 85–89 (1995)
JUTZI, P., KLEIMEIER, J., REDEKER, T., STAMMLER, H.-G., NEUMANN, B., Synthese, Struktur und Eigenschaften von Grignard-Verbindung mit *N,N*-Dimethylaminoethyl-substituierten Cyclopentadienyl-Systemen *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

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LUNGWITZ, B., FILIPPOU, A.C., Metal–carbon multiple bonds: novel syntheses and reactions of aminocarbyne complexes of tungsten *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 498 pp. 109–118 (1995)
BAKER, R.T., CALABRESE, J.C., Coinage metal-catalyzed hydroboration of imines *[Du Pont Sci. & Engn. Labs, Ctr. Res. & Dev., Exptl. Stn., Wilmington, DE, USA; Univ. North Carolina, Dept. Chem., Chapel Hill, NC, USA]*

Vol. 498 pp. 119–126 (1995)
WU, H.P., YIN, Y.Q., HUANG, X.Y., YU, K.-B., Synthesis and X-ray crystal structure of the chiral trimetal carbonyl clusters $(\mu_3\text{-}CPh)FeCoMo(CO)_8(RCOCp)H$ (R = H, CH_3 or C_2H_5O) derived from the clusters $(\mu_3\text{-}CPh)Co_2Mo(CO)_8(RCOCp)$ *[Chinese Acad. Sci., Lanzhou Inst. Chem. Phys., Lanzhou, P.R. China; Chinese Acad. Sci., Fujian Inst. Res. Struct. Matter, Fuzhou, P.R. China; Chinese Acad. Sci., Chengdu Ctr. Anal. & Measurement, Chengdu, P.R. China]*

Vol. 498 pp. 127–138 (1995)
JUTZI, P., REDEKER, T., STAMMLER, H.-G., Der 1-Dimethylaminoethyl-2,3,4,5-tetramethylcyclopentadienyl-Ligand in der Chemie von Nickel, Palladium und Platin; Molekülstruktur von $[(C_5Me_4CH_2CH_2NME_2)Ni(CO)]_2$ *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

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MORENO, B., SABO-ETIENNE, S., DAHAN, F., CHAUDRET, B., Synthesis and some reactivity of pentamethylcyclopentadienylruthenium complexes with an $SnCl_3$ ligand. X-Ray crystal structure of $[(C_5Me_5)Ru(SnCl_3)(COD)]$ *[CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France]*

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BOSQUE, R., LÓPEZ, C., SALES, J., Schiff bases derived from aminomethylferrocene and their cyclopalladated derivatives *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain]*

Vol. 498 pp. 155–164 (1995)
KAGANOVICH, V.S., RYBINSKAYA, M.I., Arentetracobaltnonacarbonyls as π-arene complexes and clusters *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

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ELKRAMI, S., MOURAD, Y., MUGNIER, Y., ANTIÑOLO, A., DEL HIERRO, I., GARCIA-YUSTE, S., OTERO, A., FAJARO, M., BRUNNER, H., Electrochemical and chemical reduction of niobocene dichlorides in the presence of carbon dioxide *[Fac. Sci. Dijon, CNRS, URA 1685, Synth. & Electrosynth. Organomet. Lab., Dijon, France; Univ. Castilla La Mancha, Fac. Quim., Dept. Quim. Inorgan. Organ. & Bioquim., Ciudad Real, Spain; Univ. Alcalá de Henares, Dept. Quim. Inorgan., Alcalá de Henares, Spain; Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany; Fac. Sci. & Tech. Besançon, Organomet. Lab., Besançon, France]*

Vol. 498 pp. 171–176 (1995)
KIRSS, R.U., Hydrogenolysis of tetra(allyl)tungsten in the presence of tertiary phosphines: synthesis of tris(dmpm)-tungsten(0) *[Northeastern Univ., Dept. Chem., Boston, MA, USA]*

Vol. 498 pp. 177–186 (1995)
MATTEOLI, U., MENCHI, G., BIANCHI, M., PIACENTI, F., IANELLI, S., NARDELLI, M., Structure and catalysis activity of phosphine-substituted ruthenium carbonyl carboxylates *[Univ. Venezia, Dipartimento Chim., Venice, Italy; Univ. Florence, Dept. Organ. Chem., Florence, Italy; Univ. Parma, CNR, Ctr. Studio Strutturist Diffrattometr., Ist. Chim. Gen., Parma, Italy]*

Vol. 498 pp. 187–198 (1995)
FREDIANI, P., BIANCHI, M., GUARDUCCI, R., CARLUCCIO, L.C., PIACENTI, F., Ruthenium carbonyl carboxylate complexes with nitrogen-containing ligands. III. Catalytic activity in hydrogenation *[Univ. Florence, Dept. Organ. Chem., Florence, Italy]*

Vol. 498 pp. 199–206 (1995)
BOHANNA, C., ESTERUELAS, M.A., HERRERO, J., LÓPEZ, A.M., ORO, L.A., Reaction of $[RuH(\eta^3\text{-}C_3H_5)(CO)(P^iPr_3)_2]$ and $[Ru(\eta^2\text{-}C_2Ph_2)(CO)(P^iPr_3)_2]$ with terminal alkynes: synthesis and characterization of new five- an six-coordinate bis(alkynyl) and alkynyl(vinyl) derivatives of ruthenium(II) *[Univ. Zaragoza, CSIC, Inst. Ciencia Mat. Aragon, Dept. Quim. Inorgan., Zaragoza, Spain]*

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CARRIEDO, G.A., GÓMEZ ELIPE, P., GARCÍA ALONSO, F.J., FERNÁNDEZ-CATUXO, L., DÍAZ, M.R., GARCÍA GRANDA, S., Synthesis, X-ray structure and coordination to $Mn(CO)_3(bipy)^+$ of the cyclotriphosphazenes $N_3P_3(OC_5H_4N\text{-}2)_6$ and $N_3P_3(OC_5H_4N\text{-}4)_6$ *[Univ. Oviedo, Inst. Quim. Organomet. Enrique Moles, Dept. Quim. Organ. & Inorgan., Oviedo, Spain]*

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JOUIKOV, V., KRASNOV, V., Electrochemical synthesis of cyclic alkylsilanes *[Kazan State Univ., Dept. Phys. Chem., Kazan, Russia]*

Vol. 498 pp. 221–228 (1995)
HALL, C.D., CHU, S.Y.F., Cyclic voltammetry of cryptands and cryptates containing the ferrocene unit *[Univ. London, Kings Coll., Dept. Chem., London, England]*

Vol. 498 pp. 229–236 (1995)
JAZOULI, M., BABA, S., CARBONI, B., CARRIÉ, R., SOUFIAOUI, M., II. 1,3-Dipolar cycloadditions to unsaturated boronic esters. Synthesis of borylated 2-isoxazolines. Conversion of some cycloadducts to 5-hydroxy-2-isoxazolines, 5-hydroxymethyl-2-isoxazolines and isoxazoles *[Univ. Rennes 1, CNRS, URA 704, Physicochim. Struct. Grp., Rennes, France; Univ. Mohammed 5, Fac. Sci. Rabat, Rabat, Morocco]*

Vol. 498 pp. 237–240 (1995)
DYSON, P.J., INGHAM, S.L., JOHNSON, B.F.G., BLAKE A.J., Synthesis, characterization an X-ray structure of $Rh_6(CO)_{10}(\mu_3\text{-}CO)_4(\eta^4\text{-}C_6H_8)$ *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England; Univ. Edinburgh, Dept. Chem., Edinburgh, Midlothian, Scotland]*

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BOYCE, M., CLARKE, B., CUNNINGHAM, D., GALLAGHER, J.F., HIGGINS, T., MCARDLE, P., NÍ CHOLCHÚIN, M., O'GARA, M., Transition-metal Schiff-base complexes as ligands in tin chemistry. Part 6. Reactions of diorganotin(IV) dinitrates with M(3MeO-sal1,3pn) [M = Ni, Co or Zn; $H_2$3MeO-sal1,3pn = *N,N'*-bis(3-methoxysalidene)propane-1,3-diamine] *[Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

Vol. 498 pp. 251–256 (1995)
ANDERSON, S., HARMAN, A., HILL, A.F., Poly(azolyl)chelate chemistry. V. Synthesis of bis(benzotriazolyl)borato complexes of rhodium(I) *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England]*

Vol. 498 pp. 257–266 (1995)
BAKER, P.K., HARMAN, M.E., HUGHES, S., HURSTHOUSE, M.B., ABDUL MALIK, K.M., Seven-coordinate complexes of molybdenum(II) and tungsten(II) containing pyridine-2-thionate and pyrimidine-2-thionate. Crystal structure of $[S(CO)_3(\eta^2\text{pymS})_2]$ (pymS = pyrimidine-2-thionate) *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales; Univ. Wales, Coll. Cardiff, Sch. Chem. & Appl. Chem., Cardiff, South Glam, Wales]*

Vol. 498 pp. 267–274 (1995)
YAN, Y.-K., MINGOS, D.M.P., WILLIAMS, D.J., Diastereomers of the carbone sandwich complex *commo*[3,3-Fe{4-(Me_2S)-1,2-$C_2B_9H_{10}$}$_2$]; crystal structure of *meso*-$[Fe(C_2B_9H_{10}SMe_2)_2]$ *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England]*

Vol. 498 pp. 275–280 (1995)
BROWN, M.A., COX, P.J., HOWIE, R.A., MELVIN, O.A., TAYLOR, O.J., WARDELL, J.L., 2-Diphenylarsino-, 2-diphenylphosphinyl-, and 2-triphenylstannyl- derivatives of methyl 4,6-O-benzylidene-2-deoxy-α-D-altopyranoside. Crystal structure

of the phosphinyl derivative *[Univ. Aberdeen, Dept. Chem., Aberdeen, Scotland; Robert Gordon Univ., Sch. Pharm., Aberdeen, Scotland]*

Vol. 498 pp. C1–C5 (1995)
SONG, L.X., MENG, Q.J., YOU, X.Z., Preparation and properties of inclusion compound of cyclopentadienylmanganese tricarbonyl complex with a β-cyclodextrin dimer *[Nanjing Univ., Inst. Coordinat Chem., Coordinat Chem. State Key Lab., Nanjing, P.R. China]*

Vol. 498 pp. C6–C9 (1995)
DEN BESTEN, R., BRANDSMA, L., SPEK, A.L., KANTERS, J.A., VELDMAN, N., 2,6-bis[(dimethylamino)methyl]phenylsodium: the first trimeric organosodium compound *[Univ. Utrecht, Debye Inst., Dept. Preparat. Organ. Chem., Utrecht, Netherlands; Univ. Utrecht, Bijvoet Ctr. Biomolec. Res., Crystal & Struct. Chem. Lab., Utrecht, Netherlands]*

Vol. 498 pp. C10–C13 (1995)
SOULANTICA, K., SIROL, S., KOINIS, S., PNEUMATIKAKIS, G., KALCK, P., Direct synthesis of acetals by rhodium catalyzed hydroformylation of alkenes in the presence of orthoformate *[Univ. Athens, Dept. Inorgan. Chem., Athens, Greece; Ecole Natl. Super Chim. Toulouse, Catalyse & Chim. Fine Lab., Toulouse, France]*

Vol. 498 pp. C14–C16 (1995)
TAYLOR, M.J., BAKER, L.-J., RICKARD, C.E.F., SURMAN, P.W.J., Recognition of linear and bent forms of solid μ-oxo-bis[iodotriphenylantimony(V)]($Ph_3SbI)_2O$ *[Univ. Auckland, Dept. Chem., Auckland, New Zealand]*

Vol. 498 pp. C17–C19 (1995)
BALÁZS, M., STEPHENSON, G.R., Regiocontrol switching in C–C bond formation during decomplexation of a tricarbonyl(η^4-cyclohexadiene)iron complex *[Univ. East Anglia, Sch. Chem. Sci., Norwich, Norfolk, England; Hungarian Acad. Sci., Cent. Res. Inst. Chem., Budapest, Hungary]*

Vol. 498 pp. C20–C22 (1995)
FACHINETTI, G., FUNAIOLI, T., MARCHETTI, F., Hydridosulphonato, hydridocarboxylato and cationic hydrido complexes of carbonylpyridine ruthenium(II) *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., Pisa, Italy]*

Vol. 498 pp. C23–C26 (1995)
YAMAMOTO, Y., TANASE, T., UKAJI, H., HASEGAWA, M., IGOSHI, T., YOSHIMURA, K., Labile coordination of bis(diphenylphosphinomethyl) phenylphosphine in di- and trinuclear palladium and platinum complexes containing *ortho*-substituted aromatic isocyanide *[Toho Univ., Fac. Sci., Dept. Chem., Funabashi, Chiba, Japan]*

Vol. 499 pp. 1–6 (1995)
HUANG, Y., SULKES, M., FINK, M.J., Photolysis of some organosilylene precursors in a molecular beam *[Tulane Univ., Dept. Chem., New Orleans, LA, USA]*

Vol. 499 pp. 7–10 (1995)
JUTZI, P., SCHMIDT, H., NEUMANN, B., STAMMLER, H.-G., The dimethylaminoethyl-tetramethylcyclopentadienyl ligand in germanium(II) chemistry: synthesis, properties and X-ray crystal structural data of ($Me_2NCH_2CH_2)Me_4C_5GeCl$ *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 499 pp. 11–16 (1995)
BOTT, S.G., MARSHALL, P., WAGENSELLER, P.E., WANG, Y., CONLIN, R.T., The position of λ_{max} for some trimethylsilyl-substituted silylenes *[Univ. North Texas, Dept. Chem., Ctr. Organomet. Res. & Educ., Denton, TX, USA]*

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BOBBITT, K.L., GASPAR, P.P., 1:2-Adducts from Silylenes and 1,3-butadiene *[Washington Univ., Dept. Chem., St. Louis, MO, USA]*

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LEE, V.YA., BASOVA, A.A., MATCHKAROVSKAYA, I.A., FAUSTOV, V.I., EGOROV, M.P., NEFEDOV, O.M., RAKHIMOV, R.D., BUTIN, K.P., Redox properties of dihalogermylenes, dihalostannyles and their complexes with Lewis bases *[Moscow M.V. Lomonosov State Univ., Dept. Chem., Moscow, Russia]*

Vol. 499 pp. 35–42 (1995)
NAKA, A., OKAZAKI, S., HAYASHI, M., ISHIKAWA, M., Silicon-carbon unsaturated compounds. LIV: Nickel-catalyzed reaction of 3,4-benzo-1,1,2,2-tetraethyl-1,2-disilacyclobut-2-ene with alkynes *[Hiroshima Univ., Fac. Engn., Dept. Appl. Chem., Higashi-Hiroshima, Japan]*

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SAITO, M., TOKITOH, N., OKAZAKI, R., Synthesis and reactions of stannaneselone *[Univ. Tokyo, Grad. Sch. Sci., Dept. Chem., Tokyo, Japan]*

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LAMBERT, J.B., CIRO, S.M., STERN, C.L., Protonated digermyl and distannyl ethers with partial germylium and stannylium ion character *[Northwestern Univ., Dept. Chem., Evanston, IL, USA]*

Vol. 499 pp. 57–62 (1995)
AL-GUARASHI, M.A.M.R., AYOKO, G.A., EABORN, C., LICKISS, P.D., Rates of solvolysis of the compounds $(Me_3Si)_2(Ph_2MeSi)CSiMe_2X$, X=I, OSO_2CF_3 and OCN. Mechanistic implications *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 499 pp. 63–72 (1995)
BOCK, H., ANSARI, M., NAGEL, N., HAVLAS, Z., Interactions in crystals. LXXIII. The structures of 1,2,4,5-tetrakis(trimethylsilyl)-benzene and of its solvent-separated radical anion salt $[Na(H_3COCH_2CH_2OCH_3)_3][((H_3C)_3Si)_4H_2C_6]$ *[Univ. Frankfurt, Inst. Chem., Frankfurt, Germany; Acad. Sci. Czech Rep., Inst. Organ. Chem. & Biochem., Prague, Czech Rep.]*

Vol. 499 pp. 73–82 (1995)
APELOIG, Y., ZHADOV, I., BRAVO-ZHIVOTOVSKII, D., OVCHINNIKOV, Y., STRUCHKOV, YU.T., Synthesis and the electronic spectra of the first β-ketoacylsilanes and their lithium enolates: new insights into hyperconjugation in acylsilanes and their enolates *[Technion Israel Inst. Technol., Dept. Chem., Haifa, Israel; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 499 pp. 83–88 (1995)
MOCHIDA, K., SUZUKI, H., NANBA, M., KUGITA, T., YOKOYAMA, Y., Generation and reaction of metal-free trialkylgermyl anions from silylgermane and digermane *[Gakushuin Univ., Fac. Sci., Dept. Chem., Tokyo, Japan; Nishi-Tokyu Univ., Fac. Sci. & Engn., Dept. Mat., Yamanashi, Japan]*

Vol. 499 pp. 89–98 (1995)
BRADDOCK-WILKING, J., SCHIESER, M., BRAMMER, L., HUHMANN, J., SHALTOUT, R., Synthesis and characterization of sterically hindered diarylsilanes containing 2,4,6-trimethylphenyl and 2,4,6-tris(trifluoromethyl)phenyl substituents. X-ray crystal structure of bis[2,4,6-tris(trifluoromethylphenyl)fluorosilane *[Univ. Missouri, Dept. Chem., St. Louis, MO, USA]*

Vol. 499 pp. 99–112 (1995)
ANDO, W., SUGIYAMA, M., SUZUKI, T., KATO, C., ARAKAWA, Y., KABE, Y., Decomposition of bis(silyldiazomathyl)polysilanes: formation of polysilabicyclo[l.m.n]alkane derivatives *[Univ. Tsukuba, Dept. Chem., Tsukuba, Ibaraki, Japan]*

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COREY, J.Y., PITTS, A.J., WINTER, R.E.K., RATH, N.P., Synthesis and characterization of 1,9-difluoro-5-methyl-5-phenyl-10,11-dihydro-5*H*-dibenzo[b,f]silepin *[Univ. Missouri, Dept. Chem., St. Louis, MO, USA]*

Vol. 499 pp. 123–130 (1995)
KOMORIYA, H., KAKO, M., NAKADAIRA, Y., MOCHIDA, K., TONOGAKI-KUBOTA, M., KOBAYASHI, T., Electronic properties, polymerization, and cycloaddition of 3,4,7,8-tetragermacycloocta-1,5-diyne and related compounds *[Univ. Electrocommun, Dept. Chem., Chofu, Tokyo, Japan; Keio Univ., Sch. Med., Yokohama, Kanagawa, Japan; Gakushuin Univ., Fac. Sci., Dept. Chem., Tokyo, Japan]*

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SEYFERTH, D., RICHTER, F., Tetrakis(perfluoropropyl)tin and other perfluoropropyltin compounds: synthesis, characterization and reactivity *[MIT, Dept. Chem., Cambridge, MA, USA]*

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BASSINDALE, A.R., LAU, J.C.-Y., TAYLOR, P.G., Nucleophile-assisted racemizations of halosilanes: thermodynamic studies *[Open Univ., Dept. Chem., Milton Keynes, Bucks, England]*

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KAWASHIMA, T., NISHIWAKI, Y., OKAZAKI, R., Synthesis and crystal structure of a pentacoordinate 1,2-oxagermetanide *[Univ. Tokyo, Grad. Sch. Sci., Dept. Chem., Tokyo, Japan]*

Vol. 499 pp. 147–154 (1995)
CARRÉ, F., CHUIT, C., CORRIU, R.J.P., MONFORTE, P., NAYYAR, N.K., REYÉ, C., Intramolecular coordination at phosphorus: donor-acceptor interaction in three- and four-coordinated phosphorus compounds *[Univ. Montpellier 2, CNRS, URA 1097, Heterochim. & Amino Acides Lab., Montpellier, France]*

Vol. 499 pp. 155–158 (1995)
HOJO, M., MURAKAMI, C., AIHARA, H., TOMITA, K., MIURA, K., HOSOMI, A., Ene preference inthe reaction of allenylmethylsilanes with hetero-double bonds mediated by a Lewis acid *[Univ. Tsukuba, Dept. Chem., Tsukuba, Ibaraki, Japan]*

Vol. 499 pp. 159–166 (1995)
YEON, S.H., HAN, J.S., HONG, E., DO, Y., JUNG, I.N., Aluminium chloride catalyzed stereo- an regiospecific allylsilylation of alkynes: a convenient route to silyldienes *[Korea Inst. Sci. & Technol., Organomet. Chem. Lab., Seoul, South Korea; Korea Adv. Inst. Sci. & Technol., Dept. Chem. & Ctr. Molec. Sci., Taejon, South Korea]*

Vol. 499 pp. 167–172 (1995)
OHMURA, H., MATSUHASHI, H., TANAKA, M., KUROBOSHI, M., HIYAMA, T., HATANAKA, Y., GODA, K., Catalytic asymmetric hydrosilylation of 1,3-dienes with difluoro(phenyl)silane *[Sagami Chem. Res. Ctr., Sagamihara, Kanagawa, Japan; Tokyo Inst. Technol., Resources Utilizat. Res. Lab., Yokohama, Kanagawa, Japan]*

Vol. 499 pp. 173–180 (1995)
GULINSKI, J., JAMES, B.R., MARCINIEC, B., The role of dioxygen in hydrosylation of alkenes catalyzed by ruthenium phosphine complexes *[Adam Mickiewicz Univ. Poznan, Fac. Chem., Poznan, Poland; Univ. British Columbia, Dept. Chem., Vancouver, BC, Canada]*

Vol. 499 pp. 181–192 (1995)
XIN, A., HARROD, J.F., Reactions of silanes with allylic alcohols catalyzed by titanocene derivatives: an approach to catalytic cross dehydrocoupling/co-intramolecular hydrosilation *[McGill Univ., Dept. Chem., Montreal, PQ, Canada]*

Vol. 499 pp. 193–198 (1995)
CHATANI, N., TOKUHISA, H., KOKUBU, I., FUJI, S., MURAI, S., $Co_2(CO)_8$-Catalyzed reaction of aromatic aldehydes with hydrosilanes under carbon monoxide at 1 atm: Incorporation of CO into the carbonyl carbon atom of aldehydes *[Osaka Univ., Fac. Engn., Dept. Appl. Chem., Suita, Osaka, Japan]*

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ROUX, P., PILLOT, J.-P., BIROT, M., DUNOGUES, J., LAPOUYADE, P., Synthesis of new poly(2,4-disilapentane) oligomers via dehydrocondensation reaction using Group IV metallocene catalysts *[Univ. Bordeaux 1, Talence, France]*

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HASHIMOTO, H., TOBITA, H., OGINO, H., Redistribution reactions of hydrosilanes mediated by the unsymmetrical and homometallic phosphido-bridged complex $(\eta^5\text{-}C_5Me_5)Fe_2(CO)_4(\mu\text{-}CO)(\mu\text{-}PPh_2)$ *[Tohoku Univ., Fac. Sci., Dept. Chem., Sendai, Miyagi, Japan]*

Vol. 499 pp. 213–220 (1995)
GUN'KO, Y.K., HITCHCOCK, P.B., LAPPERT, M.F., Activation of a C–O bond by reaction of a tris(cyclopentadienyl)lanthanide complex with an alkali metal in dimethoxyethane (DME); crystal structures of $[Nd\{\eta\text{-}C_5H_5(SiMe_3)_2\text{-}1,3\}_2(\mu\text{-}OMe)_2Li(DME)]$... *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 499 pp. 221–228 (1995)
UNNO, M., SAITO, M., MATSUMOTO, H., Synthesis, structures, and properties of novel aminodisilanes bearing bulky substituents: 1,2-bis(1,1,2-trimethylpropyl)-1,1,2,2-tetrakis(diethylamino)disilane and 1,2-di-tert-butyl-1,1,2,2-tetrakis(diethylamino)disilane *[Gunma Univ., Fac. Engn., Dept. Appl. Chem., Kiryu, Gunma, Japan]*

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WEIDENBRUCK, M., KROKE, E., POHL, S., SAAK, W., MARSMANN, H., The different modes of decomposition of hexa-t-butylcyclotrisilane *[Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany; Univ. Gesamthsch. Paderborn, Fachbereich Chem. & Chem. Tech., Paderborn, Germany]*

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KYUSHIN, S., SAKURAI, H., MATSUMOTO, H., Hepta-tert-butylcyclotetrasilane: a highly crowded cyclotetrasilane *[Gunma Univ., Fac. Engn., Dept. Appl. Chem., Kiryu, Gunma, Japan]*

Vol. 499 pp. 241–246 (1995)
SPIELBERGER, A., GSPALTL, P., SIEGL, H., HENGGE, E., GRUBER, K., Synthesis, structures and properties of dihydroxypermethylcyclosilanes and permethyloxahexasilanorbornanes *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 499 pp. 247–252 (1995)
WHITTAKER, S.M., BRUN, M.-C., CERVANTES-LEE, F., PANNELL, K.H., Synthesis, structure, and reactivity of the permethylated decasilane $(Me_3Si)_3Si\text{-}SiMe_2\text{-}SiMe_2\text{-}Si(SiMe_3)_3$ *[Univ. Texas, Dept. Chem., El Paso, TX, USA]*

Vol. 499 pp. 253–260 (1995)
FOSSUM, E., LOVE, J.A., MATYJASZEWSKI, K., Synthesis and

characterization of polystyrene-block-poly(methylphenylsilylene) and polyisoprene-block(methylphenylsilylene) *[Carnegie-Mellon Univ., Dept. Chem., Pittsburg, PA, USA]*

Vol. 499 pp. C1–C3 (1995)
SUGINOME, M., MATSUMOTO, A., NAGATA, K., ITO, Y., Palladium-*tert*-alkyl isocyanide catalyzed intramolecular bis-silylation of vicinally disubstituted alkenes *[Kyoto Univ., Fac. Engn., Dept. Synthet. Chem., Kyoto, Japan]*

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YOKOYAMA, Y., MOCHIDA, K., Et_3GeNa-YCl_3 complex as a new strong base *[Gakushuin Univ., Fac. Sci., Dept. Chem., Tokyo, Japan]*

Vol. 499 pp. C7–C9 (1995)
BANKWITZ, U., SOHN, H., POWELL, D.R., WEST, R., Synthesis, solid-state structure, and reduction of 1,1-dichloro-2,3,4,5-tetramethylsilole *[Univ. Wisconsin, Dept. Chem., Madison, WI, USA]*

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BROWN, H.C., VEERARAGHAVAN RAMACHANDRAN, P., Versatile α-pinene-based borane reagents for asymmetric syntheses *[Purdue Univ., Lab. Chem., West Lafayette, IN, USA]*

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BRAUNSTEIN, P., KNORR, M., Reactivity of the metal–silicon bond in organometallic chemistry *[Univ. Strasbourg 1, CNRS, URA 416, Chim. Coordinat. Lab., Strasbourg, France; Saarlandes Univ., Anorg. Chem., Saarbrücken, Germany]*

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BRUNNER, H., Dendrizymes: Expanded ligands for enantioselective catalysis *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany]*

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CALDERAZZO, F., PAMPALONI, G., Aromatic hydrocarbons, carbocyclic ligands spanning several oxidation states in both Main Group and transition elements. Recent advances with early transition d elements *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., Sez. Chim. Inorgan., Pisa, Italy]*

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CONTRERAS, L., PIZZANO, A., SÁNCHEZ, L., CARMONA, E., Acyl complexes of molybdenum: structural and reactivity studies *[Univ. Sevilla, CSIC, Inst. Ciencia Mat., Dept. Quim. Inorgan., Seville, Spain]*

Vol. 500 pp. 69–80 (1995)
CATELLANI, M., CHIUSOLI, G.P., COSTA, M, Transition metal-catalysed organic reactions promoted by chelating or metallacycle-forming substrates *[Univ. Parma, Ist. Chim. Organ., Parma, Italy]*

Vol. 500 pp. 81–88 (1995)
COWLEY, A.H., GABBAI, F.P., ISOM, H.S., DECKEN, A., New developments in the chemistry of organoaluminium and organogallium hydrides *[Univ. Texas, Dept. Chem. & Biochem., Austin, TX, USA]*

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EABORN, C., IZOD, K., SMITH, J.D., Synthesis, structure and reactions of organometallic compounds of Group 1-3 containing bulky silicon-substituted alkyl groups *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

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EISCH, J.J., Forty years of *Umpolung* in organometallic chemistry: from carbanionic nucleophiles to metallic electrophiles *[SUNY Binghamton, Dept. Chem., Binghamton, NY, USA]*

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GAMBAROTTA, S., Dinitrogen fixation and activation after 30 years: a puzzle still unsolved *[Univ. Ottawa, Dept. Chem., Ottawa, ONT, Canada]*

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GREEN, M.L.H., A new approach to the formal classification of covalent compounds of the elements *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England]*

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HERRMANN, W.A., Essays on organometallic chemistry, VII. Laboratory curiosities of yesterday, catalysts of tomorrow: organometallic oxides *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

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JUTZI, P., SIEMELING, U., Cyclopentadienyl compounds with nitrogen donors in the side-chain *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

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KING, R.B., Thirty years of organometallic aryldiazenido arylazo derivatives *[Univ. Georgia, Dept. Chem., Athens, GA, USA]*

Vol. 500 pp. 195–201 (1995)
MAKOTO, KUMADA, Some aspects of organosilicon and ferrocene chemistry *[Kyoto Univ., Fac. Engn., Kyoto, Japan]*

Vol. 500 pp. 203–217 (1995)
LAPPERT, M.F., LIU, D.-S., Recent studies on metal and metalloid bis(trimethylsilyl)methyls and the transformation of the bis(trimethylsilyl)methyl into the azaallyl and β-diketinimato ligands *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 500 pp. 219–225 (1995)
LEIGH, G.J., MCMAHON, C.N., The organometallic chemistry of nitrogenases *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England; Univ. Sussex, AFRC, Inst. Plant Sci. Res., Nitrogen Fixat. Lab., Brighton, East Sussex, England]*

Vol. 500 pp. 227–237 (1995)
LEWIS, J., RAITHBY, P.R., Reflections on osmium and ruthenium carbonyl compounds *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

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MAITLIS, P.M., The lively chemistry of the di-μ-methylene-bis(pentamethylcyclopentadienyl-rhodium) complexes, analogues of surface reactions in heterogeneous catalysis *[Univ. Sheffield, Dept. Chem., Sheffield, South Yorkshire, England]*

Vol. 500 pp. 251–259 (1995)
MINGOS, D.M.P., MÜLLER, T.E., Complexes of gold(I) with polyaromatic phosphine ligands *[Univ. London, Imperial Coll. Sci. Technol. & Med., Dept. Chem., London, England]*

Vol. 500 pp. 261–267 (1995)
NAKAMURA, A., MASHIMA, K., Recent progress in the chemistry of 1,3-diene complexes of niobium and tantalum *[Osaka Univ., Fac. Sci., Dept. Macromolec. Sci., Toyonaka, Osaka, Japan; Osaka Univ., Fac. Engn. Sci., Dept. Chem., Toyonaka, Osaka, Japan]*

Vol. 500 pp. 269–281 (1995)
OLIVER, J.P., Group 13 organometallic chalcogen derivatives: their structures and behavior in solution *[Wayne State Univ., Dept. Chem., Detroit, MI, USA]*

Vol. 500 pp. 283–288 (1995)
PASYNKIEWICZ, S., Hydrogen elimination in cyclopentadienyl-

nickel compounds as a route to organonickel and organic compounds *[Warsaw Univ. Technol., Fac. Chem., Warsaw, Poland]*

Vol. 500 pp. 289–297 (1995)
VAN DEN ANCKER, T.R., RASTON, C.L., Main Group and Group 11, 12, 2-pyridyl-(trimethylsilyl)methyl and -bis(trimethylsilyl)-methyl chemistry *[Griffith Univ., Fac. Sci. & Technol., Nathan, QLD, Australia]*

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SOKOLOV, V.I., Optically active organometallic compounds (a personal account from the inside) *[Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

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JELLISS, P.A., STONE, F.G.A., Non-spectator behavior of carborane ligands in icosahedral metallacarboranes *[Baylor Univ., Dept. Chem., Waco, TX, USA]*

Vol. 500 pp. 325–329 (1995)
VORONKOV, M.G., BASENKO, S.V., From ephemers to monomers, oligomers and polymers. New methods for the generation and transformation of silanones *[Russian Acad. Sci., Irkutsk Inst. Organ. Chem., Irkutsk, Russia]*

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WERNER, H., Success and serendipity during studies aimed at preparing carbenerhodium(I) complexes *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

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YAMAMOTO, A., Comparison of the reactivities of neutral and cationic transition metal alkyls and hydrides *[Waseda Univ., Sch. Sci. & Engn., Dept. Appl. Chem., Tokyo, Japan]*

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WAKATSUKI, Y., YAMAZAKI, H., Some organometallic chemistry of ruthenium(II) *[Inst. Phys. & Chem. Res., Wako, Saitama, Japan; Chuo Univ., Dept. Appl. Chem., Tokyo, Japan]*

Vol. 501 pp. 1–6 (1995)
HENKEL, T., KLAUCK, A., SEPPELT, K., Pentafluoro-λ^6-sulfanylacetylene complexes of cobalt *[Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 501 pp. 7–11 (1995)
EVANS, W.J., SHREEVE, J.L., BROOMHALL-DILLARD, R.N.R., ZILLER, J.W., Isolation and Structure of a Homoleptic Yttrium Trimethylsilylmethyl Complex *[Univ. Calif. Irvine, Dept. Chem., Irvine, CA, USA]*

Vol. 501 pp. 13–22 (1995)
HERBERHOLD, M., NUYKEN, O., PÖHLMANN, T., Modellreaktionen zur Umsetzung von Ferrocen-1,1'-dithiol mit Diolefinen: II. Die Säuren- und Basenkatalysierten Reaktionen von Ferrocenthiolen mit aktivierten Olefinen *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany; Univ. Bayreuth, Dept. Makromol. Chem. 1, Bayreuth, Germany]*

Vol. 501 pp. 23–30 (1995)
DEACON, G.B., FALLON, G.D., GATEHOUSE, B.M., RABINOVICH, A., SKELTON, B.W., WHITE, A.H., Organolanthanoids XIX. The X-ray crystal structure of di[μ-(acetato-*O,O:O'*)bis(diphenylphosphino-η^5-cyclopentadienyl)-ytterbium(III)] and di[μ-(acetato-*O,O:O'*)bis(η^5-cyclopentadienyl)-ytterbium(III)]... *[Monash Univ., Dept. Chem., Clayton, VIC, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

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PATSIDIS, K., ALT, H.G., The preparation and characterization of 9-substituted bis(fluorenyl) zirconium dichloride complexes *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 501 pp. 37–39 (1995)
OKUDA, J., KÖNIG, P., RUSHKIN, I.L., KANG, H.-C., MASSA, W., Indenyl effect in d^0-transitional metal complexes: synthesis, molecular structure and lactone polymerization activity of $[Ti(\eta^5\text{-}C_9H_7)Cl_2(OMe)]$ *[Philipps Univ., Fachbereich Chem., Marburg, Germany]*

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FRITZE, C., ERKER, G., FRÖHLICH, R., Formation of tetrabenzodispiro[4.0.4.3]tridecatetraene by a titanium mediated fluorenyl coupling reaction *[Univ. Münster, Inst. Organ. Chem., Münster, Germany]*

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SLADEK, A., HOFREITER, S., PAUL, M., SCHMIDBAUR, H., Sodium tetraphenylborate as a phenylating agent for gold(I) complexes *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 501 pp. 53–60 (1995)
BOCK, H., ANSARI, M., NAGEL, N., CLARIDGE, R.F.C., Interactions in crystals LXXVIII. The structure of "naked" 9,10-bis(trimethylsilyl)anthracene radical anion *[Univ. Frankfurt, Inst. Chem., Frankfurt, Germany; Univ. Canterbury, Dept. Chem., Christchurch, New Zealand]*

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GEISBAUER, A., MIHAN, S., BECK, W., Kohlenwasserstoffverbrückte Komplexe. XXXIII. Synthese zweikerniger kohlenwasserstoffverbrückter Komplexe durch Oxidation von Fischer-Carbenanionen und Ferrocenenolaten und deren Reaktionen *[Ludwig Maximilians Univ. München, Inst. Anorgan. Chem., Munich, Germany]*

Vol. 501 pp. 67–70 (1995)
WEIDENBRUCH, M., STILTER, A., SCHLAEFKE, J., PETERS, K., VON SCHNERING, H.G., Compounds of germanium and tin XIV. Rearrangement of bis(2,4,6-tri-*tert*-butylphenyl)stannylene: synthesis and structure of a donor-free alkylarylstannylene-tungsten complex *[Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany; Max Planck Inst. Festkörperforsch., Stuttgart, Germany]*

Vol. 501 pp. 71–77 (1995)
JACOB, K., SCHOLZ, J., PIETZSCH, C., EDELMANN, F.T., Synthese und Struktur des heterobimetallischen thalliumorganischen Chelatkomplexes Tris[2-(dimethylaminomethyl)ferrocenyl]-thallium *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Merseburg, Germany; Bergakad. Freiberg, Inst. Angew. Phys., Freiberg, Germany; Otto von Guericke Univ., Inst. Chem., Magdeburg, Germany]*

Vol. 501 pp. 79–85 (1995)
UHL, W., SCHÜTZ, U., KAIM, W., WALDHÖR, E., Das Tetraalkyldigallan-Radikalanion $[R_2Ga^{\cdot-}GaR_2]^-$[R=CH(SiMe$_3$)$_2$] mit langer Einelektron-π-Bindung *[Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany; Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

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WRACKMEYER, B., KEHR, G., Synthesis of 1,6-dihalogeno-2,3,4,5-tetracarba-*nido*-hexaborane(6) derivatives *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 501 pp. 95–100 (1995)
GEDRIDGE, R.W., ARIF, A.M., ERNST, R.D., Synthesis, characterization, and solid-state structures of the 14-electron open

metallocenes M[1,5-$(Me_3Si)_2C_5H_3]_2$(M=Ti or Zr) *[Univ. Utah, Dept. Chem., Salt Lake City, UT, USA]*

Vol. 501 pp. 101–106 (1995)
SCHMID, M.A., ALT, H.G., MILIUS, W., Unbridged cyclopentadienyl-fluorenyl complexes of zirconium as catalysts for homogeneous olefin polymerization *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 501 pp. 107–115 (1995)
GREEN, J.C., GREEN, M.L.H., FIELD, C.N., NG, D.K.P., KETKOV, S.YU., Combined photoelectron-photoabsorption study of (η-cycloheptatrienyl)(η-cyclopentadienyl)tungsten *[Univ. Oxford, Inorgan. Chem. Lab., Oxford, Oxon, England; Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia]*

Vol. 501 pp. 117–121 (1995)
SILVESTRU, A., BREUNIG, H.J., EBERT, K.H., KALLER, R., Synthesis of $(Me_3SiCH_2Sb)_n$ and reactions with ditellurides: crystal structure of $[Cp_2Co][Me_3SiCH_2SbCl_3]$ *[Univ. Babes-Bolyai, Fac. Chim., Cluj-Napoca, Romania; Univ. Bremen, Bremen, Germany]*

Vol. 501 pp. 123–128 (1995)
BOCHKAREV, M.N., PROTCHENKO, A.V., ZAKHAROV, L.N., FUKIN, G.K., STRUCHKOV, YU.T., Reactions of cyclopentadienyl-naphthalene complexes of lutetium with C- and N-unsaturated compounds: molecular and crystal structure of $[CpLu(DME)]_2$-[1,1-μ-4,4-μ-(Ph)C-(Ph)C=C(Ph)-C(Ph)] *[Russian Acad. Sci., Inst. Organomet. Chem., Nizhnii Novgorod, Russia; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia]*

Vol. 501 pp. 129–144 (1995)
ELSCHENBROICH, CH., ISENBURG, T., BEHRENDT, A., FRENZEN, G., HARMS, K., Metal π-complexes of benzene derivatives XLVIII. Dimethylphosphano derivatives of bis(benzene) chromium as monodentate and chelating ligands at μ-ethylidyne-nona(carbonyl)-tri(cobalt). Synthesis via ETC-autocatalysis, crystal structure determination *[Philipps Univ., Fachbereich Chem., Marburg, Germany]*

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TACKE, R., TERUNUMA, D., TAFEL, A., MÜHLEISEN, M., FORTH, B., WAELBROECK, M., GROSS, J., MUTSCHLER, E., FRIEBE, T., Fluorine-containing derivatives of the muscarinic antagonists sila-pridinol and sila-difenidol: syntheses and antimuscarinic properties *[Univ. Karlsruhe, Inst. Anorgan. Chem., Karlsruhe, Germany; Free Univ. Brussels, Fac. Med. & Pharm., Chim. Biol. & Nutr. Lab., Brussels, Belgium; Univ. Frankfurt, Biozentrum Niederursel, Inst. Pharmakol. Nat. Wissensch., Frankfurt, Germany]*

Vol. 501 pp. 155–159 (1995)
FROHN, H.J., BARDIN, V.V., Preparation, NMR spectra and reactivity of pentafluorophenyltetrafluorosilicates $M^+[C_6F_5SiF_4]^-$ *[Gerhard Mercator Univ. GH, Fachbereich 6, Anorg. Chem., Duisburg, Germany; Inst. Org. Chem., Novosibirsk, Russia]*

Vol. 501 pp. 161–166 (1995)
BRUNNER, H., BERHOFER, J., Enantioselektive Katalyse 97. Optisch aktive Salicyloxazolin-Liganden in der enantioselektiven Kupfer-katalysierten Cyclopropanierung *[Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany]*

Vol. 501 pp. 167–177 (1995)
KARSCH, H.H., RICHTER, R., SCHIER, A., HECKEL, M., FICKER, R., HILLER, W., Novel silicon and phosphorus containing heterocycles *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 501 pp. 179–188 (1995)
LEFEBER, C., OHFF, A., TILLACK, A., BAUMANN, W., KEMPE, R., BURLAKOV, V.V., ROSENTHAL, U., GÖRLS, H., Regioselektive Reaktionen der fremdligandfreien Titanocen-Alkin-Komplexe $Cp_2Ti(RC_2SiMe_3)$ (R=Me_3Si, Ph, ^tBu, ^nBu) *[Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany]*

Vol. 501 pp. 189–194 (1995)
LEFEBER, C., OHFF, A., TILLACK, A., BAUMANN, W., KEMPE, R., BURLAKOV, V.V., ROSENTHAL, U., Darstellung und regioselektive Reaktionen des phosphinfreien Zirconocen-Alkin-Komplexes $Cp_2Zr(THF)(^tBuC_2SiMe_3)$ *[Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany]*

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SCHOLZ, A., THIELE, K.-H., SCHOLZ, J., WEIMANN, R., Synthese und Charakterisierung von $Cp_2^*M(DAD)$-Komplexen (M=Y oder La): Molekülstruktur von $Cp_2^*Y[N(C_6H_4\text{-}4\text{-}Me)=C(Ph)\text{-}C(Ph)=N(C_6H_4\text{-}4\text{-}Me)]$ *[Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Merseburg, Germany; Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

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HEINEMANN, C., CORNEHL, H.H., SCHWARZ, H., Hydrocarbon activation by "bare" uranium cations: formation of a cationic uranium–benzene complex from three ethylene units *[Tech. Univ. Berlin, Inst. Organ. Chem., Berlin, Germany]*

Vol. 501 pp. 211–218 (1995)
GRÄPER, J., PAOLUCCI, G., FISCHER, R.D., Zirconocenophane dichlorides with di- and trisiloxane-bridged ring ligands: crystal structure of *rac*-[1,1,3,3-tetramethyldisiloxane-diyl-bis(3-tert-butyl-η^5-cyclopentadienyl)zirconium(IV)dichloride] *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany; Univ. Venezia, Dipartimento Chim., Venice, Italy]*

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JANIAK, C., VERSTEEG. U., LANGE, K.C.H., WEIMANN, R., HAHN, E., The influence of electronic and steric effects and the importance of polymerization conditions in the ethylene polymerization with zirconocene/MAO catalysts *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

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SELENT, D., RAMM, M., JANIAK, C., Synthese und Charakterisierung heterobimetallischer Komplexe des Typs $[(^tC_4H_9O)_3Ti\text{-}ML_n](ML_n=CpMo(CO)_3$, $CpFe(CO)_2$, $Mn(CO)_5)$. Einkristallröntgenstrukturanalyse von $[(^tC_4H_9O)_3Ti\text{-}Mn(CO)_5]$ bei 213 K. Extended Hückel MO-Rechnungen... *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany; Free Univ. Berlin, Inst. Kristallogr., Berlin, Germany]*

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STREITWIESER, A., LYTTLE, M.H., WANG, H.-K., BOUSSIE, T., WEINLÄNDER, A., SOLAR, J.P., 1,1'-Dimesithyluranocene and its unusual dynamic NMR phenomena *[Univ. Calif., Lawrence Berkeley Lab., Berkeley, CA, USA]*

Vol. 501 pp. 251–261 (1995)
MARTENTS, R., DU MONT, W.-W., JESKE, J., JONES, P.G., SAAK, W., POHL, S., Zum Reaktionsverhalten von Dialkyl(trichlorsilyl)phosphanen – vergleichen mit Trimethylsilylphosphanen – gegenüber Dichlordimethylstannan: Austauschreaktionen und Strukturen cyclischer Chlorstannylphosphan-Dichlordimethylstannan-Addukte *[Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany; Carl von Ossietzky Univ., Fachbereich Chem., Oldenburg, Germany]*

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MASHIMA, K., SHIBAHARA, T., NAKAYAMA, Y., NAKAMURA, A., Synthesis and characterization of cationic pyridine-2-thiolate complexes of lanthanoid(III): crystal structure of pentagonal bipyramidal $[Ln(SC_5H_4N)_2(hmpa)_3]I$ (Ln=Sm, Yb; hmpa=hexamethylphosphoric triamide) *[Osaka Univ., Fac. Engn. Sci., Dept. Chem., Toyonaka, Osaka, Japan; Osaka Univ., Fac. Sci., Dept. Macromolec. Sci., Toyonaka, Osaka, Japan]*

Vol. 501 pp. 271–276 (1995)
SOFIELD, CH.D., ANDERSEN, R.A., A general synthesis and crystal structure of $[(Me_3C)_2C_5H_3]_3Ce$ *[Univ. Calif., Lawrence Berkeley Lab., Berkeley, CA, USA]*

Vol. 501 pp. 277–281 (1995)
GIELIN, M., BOUHDID, A., WILLEM, R., BREGADZE, V.I., ERMANSON, L.V., TIEKINK, E.R.T., X-ray structure of the dimeric bis[(1,7-decarba-*closo*-dodecaborane-1-carboxylato)-di-n-butyltin] oxide *[Free Univ. Brussels, Fac. Appl. Sci., Dept. Gen. & Organ. Chem., Brussels, Belgium; Free Univ. Brussels, Ctr. High Resolut. NMR, Brussels, Belgium; Russian Acad. Sci., A.N. Nesmeyanov Inst. Organoelement Compounds, Moscow, Russia; Univ. Adelaide, Dept. Chem., Adelaide, SA, Australia]*

Vol. 501 pp. 283–292 (1995)
EHLEND, A., HAUSEN, H.-D., KAIM, W., LICHTBLAU, A., SCHWARZ, W., Insertion von CO_2, COS und CS_2 in die N–Si-Bindung des extrem elektonenreichen 1,4-Bis(trimethylsilyl)-1,4-dihydropyrazins und Bildung eines neuen poly(N,S–)-heterocyclischen Systems durch mehrfache Cycloaddition *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

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HEBLER, A., KUCKEN, S., STELZER, O., BLOTEVOGEL-BALTRONAT, J., SHELDRICK, W.S., Wasserlösliche Phosphane
V. Komplexe amphiphiler tertiärer Alkylphosphane mit Ammoniumgruppierungen in den Seitenketten *[Univ.-GH Wuppertal, Fachbereich 9, Anorg. Chem., Wuppertal, Germany; Ruhr Univ. Bochum, Fac. Chem., Dept. Analyt. Chem., Bochum, Germany]*

Vol. 501 pp. 303–307 (1995)
KÖHN, R.D., KOCIOK-KÖHN, G., HAUFE, M., η^3-1,3,5-Triazacyclohexane complexes of tribenzylchromium(III) *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

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TAMM, M., GRZEGORZEWSKI, A., HAHN, F.E., Pentacarbonylchromium(0) and -tungsten(0) complexes with the bis(diisopropylamino)cyclopropenylidene ligand *[Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 501 pp. 315–319 (1995)
POREMBA, P., NOLTEMEYER, M., SCHMIDT, H.-G., EDELMANN, F.T., Monomere Bis(η^5-cyclopentadienyl)–lanthanoid(III)-Komplexe mit raumerfüllenden Alkoxid- und Thiolat-Liganden: Molekülstruktur von $(C_5H_5)_2Yb(THF)$-$[SC_6H_2(CF_3)_3$-2,4,6] *[Otto von Guericke Univ., Inst. Chem., Magdeburg, Germany; Univ. Göttingen, Inst. Anorgan. Chem., Göttingen, Germany]*

Vol. 501 pp. 321–326 (1995)
BECKHAUS, R., OSTER, J., LOO, R., α–H-Übertragungsreaktionen an Vinylmetallverbindungen – Darstellung von (η^5-Cyclopentadienyl)(η^5-pentamethylcyclopentadienyl)-(2-methyliden)-titanacyclobutan *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 501 pp. 327–332 (1995)
HILLWIG, R., HARMS, K., DEHNICKE, K., Zur Chemie des Tris(trimethylstannyl)amins. Die Kristallstrukturen von $[Me_3In$-$N(SnMe_3)_3]$ und $[RC1In$-$N(SnMe_3)_2]_2$ mit R=Methyl und Ethyl *[Univ. Marburg, Fachbereich Chem., Marburg, Germany]*

Vol. 501 pp. 333–340 (1995)
CLARK, H.C.S., CLOKE, F.G.N., HITCHCOCK, P.B., LOVE, J.B., WAINWRIGHT, A.P., Titanium(IV) complexes incorporating the aminodiamide ligand $[(SiMe_3)N\{CH_2CH_2N(SiMe_3)\}_2]^{2-}(L)$; the X-ray crystal structures of $[TiMe_2(L)]$ and $[TiCl\{CH(SiMe_3)_2\}(L)]$ *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 501 pp. 341–346 (1995)
HAHN, F.E., LÜGGER, T., Isocyanide complexes of titanium: synthesis and X-ray crystal structure oc *cis*-tetrachlorobis-(2-trimethylsiloxyphenylisocyanide)titanium(IV) *[Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 501 pp. 347–358 (1995)
ANSORGE, A., BRAUER, D.J., BUCHHEIM-SPIEGEL, S., BÜRGER, H., HAGEN, T., PAWELKE, G., Novel heterocycles from alkylamino-bis(trifluoromethyl)borane $(CF_3)_2BNR_2$, and siocyanides. Crystal and molecular structure of $(NC)CF_3)_2B{\cdot}NHMe_2$, $(CF_3)_2B$-NMe_2-$B(CF_3)$-NEt=C-$C(NMe_2)$=NEt... *[Univ.-GH Wuppertal, Fachbereich 9, Anorg. Chem., Wuppertal, Germany]*

Vol. 501 pp. 359–367 (1995)
WESTERHAUSEN, M., HARTMANN, M., SCHWARZ, W., Alkenylsubstituierte Calcocene *[Univ. Stuttgart, Inst. Anorgan. Chem., Stuttgart, Germany]*

Vol. 501 pp. 369–374 (1995)
JUTZI, P., WIELAND, W., NEUMANN, B., STAMMLER, H.-G., 'Slipped-Sandwich'-Strukturen in der Cyclopentadienyl-Kupfer-Chemie *[Univ. Bielefeld, Fac. Chem., Bielefeld, Germany]*

Vol. 501 pp. 375–380 (1995)
SONG, W., SHACKETT, K., CHIEN, J.C.W., RAUSCH, M.D., Disiloxane bridged indenyl metallocene catalysts for olefin polymerizations *[Univ. Massachusetts, Dept. Chem., Dept. Polym. Sci., Eng., Amherst, MA, USA]*

Vol. 501 pp. C1–C4 (1995)
HERRMANN, W.A., RUNTE, O., ARTUS, G., Synthesis and structure of an ionic beryllium-"carbene" complex *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 502 pp. 1–8 (1995)
BLAIS, M.S., RAUSCH, M.D., A new synthetic route to functionally substituted (η^5–cyclopentadienyl)dicarbonyliridium compounds *[Milit. Acad. US, Dept. Chem., West Point, NY, USA; Univ. Massachusetts, Dept. Chem., Amherst, MA, USA]*

Vol. 502 pp. 9–18 (1995)
KREITER, C.G., MICHELS, W., HEEB, G., Photoreactions of decacarbonyl-dirhenium with branched derivatives of allene *[Univ. Kaiserslautern, Fachbereich Chem., Kaiserslautern, Germany]*

Vol. 502 pp. 19–23 (1995)
MASHIMA, K., TANAKA, Y., NAKAMURA, A., Synthesis, characterization and reactions of ethylene complexes bearing Ta(η^5-C_5R_5)(η^4-buta-1,3-diene) fragments (R=H, Me) *[Osaka Univ., Fac. Engn. Sci., Dept. Chem., Toyonaka, Osaka, Japan; Osaka Univ., Fac. Sci., Dept. Macromolec. Sci., Toyonaka, Osaka, Japan]*

Vol. 502 pp. 25–34 (1995)
PERLAKI, R., MARKO, L., GERVASIO, G., SAPPA, E., PALYI, GY., Synthesis and structure of diamine-substituted butene-2-olide-4-ylidene-4-cobalt carbonyl complexes *[Hungarian Acad. Sci., Petrochem. Res. Grp., Veszprém, Hungary; Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy; Univ. Modena, Dept. Chem., Modena, Italy]*

Vol. 502 pp. 35–46 (1995)
VAN DEN ANCKER, T.R., HARVEY, S., RASTON, C.L., Polymer supported magnesium anthracene: application in the synthesis of benzylic Grignard reagents *[Griffith Univ., Fac. Sci. & Technol., Nathan, QLD, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 502 pp. 47–52 (1995)
BOLM, C., KAUFMANN, D., GESSLER, S., HARMS, K., Crystal structure of a new chiral Pd(0)/diphosphine complex and its use in enantioselective allylic alkylations *[Philipps Univ., Fachbereich Chem., Marburg, Germany]*

Vol. 502 pp. 53–60 (1995)
MÜLLER, J., SCHUBERT, R., TSCHAMPEL, M., PICKARDT, J., π-Olefin-Iridium-Komplexe XXIII. Umsetzungen reaktiver Cycloocta-1,5-dien-rhodium-und -iridium-Verbindungen mit Alkinen *[Tech. Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 502 pp. 61–65 (1995)
KUMAR, V., LEE, D.W., NEWTON, M.G., KING, R.B., Dialkylaminophosphorus metal cabonyls XIII. Structure of a tertiary alcohol $[(^{i}Pr_2NP)_2C(OH)R]Fe_2(CO)_6$ and the effect of carbon hybridization on the geometry of the CP_2Fe_2 cage *[Univ. Georgia, Dept. Chem., Athens, GA, USA]*

Vol. 502 pp. 67–74 (1995)
HERBERICH, G.E., WAGNER, T., MARX, H.-W., Borole derivatives XXI. 2,5-Diphenyl-2,5-dihydro-1*H*-boroles; structure of *tert*-butyl-2,5-diphenyl-2,5-dihydro-1*H*-borole and of bis(TMEDA)lithium 2,5-diphenyl-2,5-dihydro-1*H*-boroledilide *[Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

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SCHMUCK, S., ERKER, G., KOTILA, S., C_1-insertion reaction at cyclodimeric (η^2-acetaldehyde)zirconocene complexes *[Univ. Münster, Inst. Organ. Chem., Münster, Germany]*

Vol. 502 pp. 87–94 (1995)
KOVACS, I., BAIRD, M.C., Neutral and cationic iron carbonyl complexes substituted with the water-soluble phosphines $[Ph_2P(CH_2)_nPMe_3]^+$ (n=2,3,6,and 10) *[Queens Univ., Dept. Chem., Kingston, ONT, Canada]*

Vol. 502 pp. 95–102 (1995)
PERTICI, P., BRESCHI, CH., BARRETTA, G. U., MARCHETTI, F., VITULLI, G., Chemical synthesis with metal atoms: preparation and reactivity of (η^6-cyclohepta-1,3,5-triene)(η^4-cycloocta-1,5-diene)iron(0) *[Univ. Pisa, Dipartimento Chim. & Chim. Ind., CNR, Ctr. Macromolec. Stereordinate & Otticamente Att., Pisa, Italy]*

Vol. 502 pp. 103–108 (1995)
BERNAL, I., VOGT, H., Conglomerate crystallization in organometallic compounds V. The crystal and molecular structure of $(C_5H_4\text{-}CH_2\text{-}CH_2\text{-}C\text{-}Fe(CO)_2$ *[Univ. Houston, Dept. Chem., Houston, TX, USA; Univ. Regensburg, Inst. Anorgan. Chem., Regensburg, Germany]*

Vol. 502 pp. 109–121 (1995)
BOGDANOVIC, B., BOLTE, A., A comparative study of the McMurry reaction utilizing $[HTiCl(THF)_{\sim 0.5}]_x$, $TiCl_3(DME)_{1.5}$-Zn(Cu) and $TiCl_2$·LiCl as coupling reagents *[Max Planck Inst. Kohlenforsch., Mülheim, Germany]*

Vol. 502 pp. 123–130 (1995)
JÄKLE, F., MATTNER, M., PRIERMEIER, T., WAGNER, M., Donor-acceptor substituted ferrocenes. Novel structural motifs by intramolecular acid-base pairing *[Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 502 pp. 131–135 (1995)
FILIPPOU, A.C., LUNGWITZ, B., VÖLKL, C., HARDTWECK, E., Metal-carbon multiple bonds: [2+2] cycloaddition of nitrilium salts across a metal-carbon triple bond; synthesis and structure of iminocarbene complexes of tungsten *[Humbold Univ. Berlin, Inst. Anorg. & Allgem. Chem., Berlin, Germany; Tech. Univ. Munich, Inst. Anorgan. Chem., Garching, Germany]*

Vol. 502 pp. 137–141 (1995)
AUMANN, R., JASPER, B., FRÖHLICH, R., KOTILA, S., Organic synthesis via transition metal complexes. LXXXI, Bis(carbene) complex of chromium connected by a conjugated ammonium pentadienide bridge *[Univ. Münster, Inst. Organ. Chem., Münster, Germany]*

Vol. 502 pp. 143–146 (1995)
CASADO, C.M., WAGNER, T., ASTRUC, D., Deprotonation of the complexes $[Ru(arene)Cp]^+PF_6^-$ (arene = C_6Me_6 and fluorene): X-ray crystal structure of $[Ru(\eta^5\text{-}C_6Me_5CH_2)Cp]$ and determination of the pK_a values using the iron analogues *[Univ. Bordeaux 1, CNRS, URA 35, Chim. Organ. & Organomet. Lab., Talence, France; Rhein Westfal TH Aachen, Inst. Anorgan. Chem., Aachen, Germany]*

Vol. 502 pp. 147–161 (1995)
WINDMÜLLER, B., WOLF, J., WERNER, H., Vinyliden-Übergangsmetallkomplexe XXXVIII. Alkin-, Alkinyl-, Vinyliden-, Allenyliden- und Benzyl-Rhodiumkomplexe mit dem Phosphinoether $iPr_2PCH_2CH_2OMe$ als ein- und zweizähnigen Liganden *[Univ. Würzburg, Inst. Anorgan. Chem., Würzburg, Germany]*

Vol. 502 pp. 163–167 (1995)
AVENT, A.G., LAPPERT, M.F., MACBEATH, C., Stereochemical non-rigidity in a macrocyclic vinylsiloxane-based tris(alkene)nickel(0) complex *[Univ. Sussex, Sch. Chem. & Molec. Sci., Brighton, East Sussex, England]*

Vol. 502 pp. 169–176 (1995)
OHTA, T., IKEGAMI, H., MIYAKE, T., TAKAYA, H., BINAP-Ru(II) and BINAP-Rh(I)-catalyzed asymmetric hydrogenation of olefins without heteroatom-functionalities *[Kyoto Univ., Grad. Sch. Engn, Div. Mat. Chem., Kyoto, Japan]*

Vol. 502 pp. 177–186 (1995)
CORNILS, B., KUNTZ, E.G., Introducing TPPTS and related ligands for industrial biphasic processes *[Hoechst AG, Frankfurt, Germany; C.P.E. Lab. Electrochem., Villeurbanne, France]*

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HERBERHOLD, M., BAUER, K., MILIUS, W., Tri(2-cyclohepta-2,4,6-trienyl)phosphan-Komplexe des Rhodiums(I) und Iridiums(I) *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 503 pp. 1–9 (1995)
MELNIK, M., SKORSEPA, J., GYÖYOVA, K., HOLLOWAY, C.E., Structural analysis of organozinc compounds *[Slovak Tech.*

Univ., Dept. Inorgan. Chem., Bratislava, Slovakia; P.J. Safarik Univ., Dept. Inorg. Chem., Kosice, Slovakia; York Univ., Dept. Chem., North York, ONT, Canada]

Vol. 503 pp. 11–13 (1995)
ZHOU, X., MA, H., WU, ZH., YOU, X., XU, ZH., HUANG, X., Synthesis and structure of a new organolanthanide oxide complex, $(CH_3C_5H_4)_3Yb_4(\mu\text{-}Cl)_6(\mu_3\text{-}Cl)(\mu_4\text{-}O)(THF)_3$ *[Anhui Normal Univ., Inst. Organ. Chem., Wuhu, P.R. China; Nanjing Univ., Inst. Coordinat. Chem., Nanjing, P.R. China; State Key Lab. Struct. Chem., Fuzhou, P.R. China]*

Vol. 503 pp. 15–20 (1995)
EDWARDS, A.J., LEADBEATER, N.E., LEWIS, J., RAITHBY, P.R., The photochemical generation of novel neutral mononuclear ruthenium complexes and their reactivity *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 503 pp. 21–28 (1995)
GABRIELE, B., SALERNO, G., COSTA, M., CHIUSOLI, G.P., Combined oxidative and reductive carbonylation of terminal alkynes with palladium iodide-thiourea catalysts *[Univ. Callabria, Dept. Chem., Cosenza, Italy; Univ. Parma, Dip. Chim. Ind., Parma, Italy]*

Vol. 503 pp. 29–33 (1995)
WALDMAN, T.E., RHEINGOLD, A.L., ERNST, R.D., Synthesis and characterization of phosphine adducts of the open zirconocene $Zr(C_5H_7)_2$ *[Univ. Utah, Dept. Chem., Salt Lake City, UT, USA; Univ. Delaware, Dept. Chem., Newark, DE, USA]*

Vol. 503 pp. 35–45 (1995)
WANG, Y.-P., LIN, T.-S., YANG, Y.-H., LIAW, J-H., WANG, S.-L., LIAO, F.-L., LU, Y.-J., Synthesis and spectra of $(CO)_2(NO)Cr(\eta^5\text{-}C_5H_4\text{-}R)$(R=-C(O)-$N_3$, -N=C=O, -$NH_2$, -NH-C(O)-O-$CH_2C_6H_5$ or -NH-C(O)-NH-$(\eta^5\text{-}C_5H_4)Cr(CO)_2(NO)$) and crystal structure of $(CO)_2(NO)Cr[(\eta^5\text{-}C_5H_4)\text{-}NH\text{-}C(O)\text{-}NH\text{-}(\eta^5\text{-}C_5H_4)]Cr(CO)_2$ *[Tunghai Univ., Dept. Chem., Taichung, Taiwan; Natl. Tsing Hua Univ., Dept. Chem., Hsin-Chu, Taiwan; Natl. Ctr. High Perf. Comp., Hsin-Chu, Taiwan]*

Vol. 503 pp. 47–51 (1995)
YOONG GOH, L., CHEN, W., WONG, R.C.S., Coordination of the $(\mu\text{-}\eta^2\text{-}As_2)$ ligand to Group 6 transition metal carbonyl fragments and crystal structures of $Cp_2Cr_2(CO)_4As_2[M(CO)_5]_2$ (M=Cr, W) *[Univ. Malaya, Dept. Chem., Kuala Lumpur, Malaysia]*

Vol. 503 pp. 53–57 (1995)
HALTERMAN, R.L., CHEN, Z., Crystal structure of enantiomerically pure bis(dimethylbicyclooctylcyclopentadienyl)-zirconium dichloride *[Univ. Oklahoma, Dept. Chem. & Biochem., Norman, OK, USA]*

Vol. 503 pp. 59–67 (1995)
CARRIEDO, G.A., FERNANDEZ-CATUXO, L., GARCIA ALONSO, F.J., GOMEZ-ELIPE, P., Synthesis and electrochemistry of polymeric complexes with cationic manganese carbonyl fragments coordinated to polyphosphazanes through nitrile ligands *[Univ. Oviedo, Inst. Quim. Organomet. Enrique Moles, Dept. Quim. Organ. & Inorgan., Oviedo, Spain]*

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LANG, H., WEINMANN, M., WINTER, M., LEISE, M., IMHOF, W., Reaktionsverhalten Alkinyl-substituierter Phosphinite und Phosphane am Beispiel von Kupfer(I)- und Silber(I)–Trifluor-methansulfonaten *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

Vol. 503 pp. 75–92 (1995)
TULLY, W., MAIN, L., NICHOLSON, B.K., Preparation of cyclomanganated chalcones and their reactions with methyl acrylate and other α,β-unsaturated carbonyl compounds *[Univ. Waikato, Sch. Sci. & Technol., Hamilton, New Zealand]*

Vol. 503 pp. 93–99 (1995)
BAUMEISTER, U., SCHENZEL, K., HASSLER, K., Synthese, Kristallstruktur und Reaktionswege von 2,2-Dimethyl-1,1,1,3,3,3-hexaphenyltrisilan *[Martin Luther Univ. Halle Wittenberg, Inst. Phys. Chem., Halle, Germany; Martin Luther Univ. Halle Wittenberg, Inst. Analyt. & Umweltchem., Halle, Germany; Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 503 pp. 101–109 (1995)
SCHMIDT, G., BEHRENS, U., Metallorganische Verbindungen des Kupfers IX. Ein- und zweikernige Kupfer(I)-β-diketonat-Komplexe mit schwefel-verbrückten Bisalkinen: Potentielle Precursorsysteme für die "metal-organic chemical vapor deposition" *[Univ. Hamburg, Inst. Anorgan. & Angew. Chem., Hamburg, Germany]*

Vol. 503 pp. 110–115 (1995)
WADEPOHL, H., TÖLLNER, K., Cyclopentadienylcobalt complexes of some azepines *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

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WANG, T.-F., JUANG, J.-P., WEN, Y.-S., Preparations of novel half-sandwich iron carbonyl phosphine complexes: intramolecular link between the cyclopentadienyl and the phosphane ligand *[Acad. Sinica, Inst. Chem., Taipei, Taiwan]*

Vol. 503 pp. 129–133 (1995)
GSPALTL, P., SPIELBERGERL A., ZECHMANN, A., HENGGE, E., Synthesis of bi(cyclohexasilanyl) derivatives *[Graz Tech. Univ., Inst. Anorgan. Chem., Graz, Austria]*

Vol. 503 pp. 135–141 (1995)
WYRWA, R., FRÖHLICH, H.-O., GÖRLS, H., XIII. Synthese und Eigenschaften von $[Li(TMEDA)]_2Pt(CH_2CMe_2CMe_2CH_2)_2$ (1); Vergleich der Zersetzungstemperaturen von Metallacyclopentan-Komplexen des Pt(II) und Ni(II) de Typs (1) mit und ohne β-Wasserstoff; Kristallstruktur von $(COD)PtCH_2$ *[Friedrich Schiller Univ., Inst. Anorgan. & Analyt. Chem., Jena, Germany; Friedrich Schiller Univ., Max Planck Ges., Arbeitsgrp. CO2 Chem., Jena, Germany]*

Vol. 503 pp. 143–148 (1995)
HAYASHI, Y., SAKAI, H., KANETA, N., UEMURA, M., New chiral chelating phosphine complexes containing tricarbonyl(η^6-arene)-chromium for highly enantioselective allylic alkylation *[Osaka City Univ., Fac. Sci., Osaka, Japan]*

Vol. 503 pp. 149–153 (1995)
PORTNOY, M., BEN-DAVID, Y., MILSTEIN, D., Formation of P,C-chelated palladium complexes by phosphine-assisted oxidative addition of an aliphatic C–Cl bond *[Weizmann Inst. Sci., Dept. Organ. Chem., Rehovot, Israel]*

Vol. 503 pp. 155–170 (1995)
LANGE, I., HENSCHEL, D., WIRTH, A., KRAHL, J., BLASCHETTE, A., JONES, P.G., Polysulfonylamine
LXII. Dimesylamid als nichtkoordinierendes Gegenion für Oragnozinn-Komplexkationen: Synthese und Strukturen von $[R_3Sn(L)(L')]^+[(MeSO_2)_2N]^-$ (L=L'=HMPA, Ph_3AsO, Imidazol, 4-Dimethylaminopyridin; L=H_2O und L'=PyridinN'-oxid) *[Tech. Univ. Carolo Wilhelmina Braunschweig, Inst. Anorgan. & Analyt. Chem., Braunschweig, Germany]*

Vol. 503 pp. 171–183 (1995)
GUENNEC, N., MOINET, C., Utilisation du cyanure de

tétraéthylammonium pour la préparation de complexes cyclopentadiényl fer cyclohexadiényl cyanés. Etude de leur oxydation électrochimique et chimique *[Univ. Rennes 1, CNRS, URA 439, Electrochim. Lab., Rennes, France]*

Vol. 503 pp. 185–192 (1995)
PIARULLI, U., WILLIAMS, D.N., FLORIAN, C., GERVASIO, G., VITERBO, D., Transition metal carbohydrate chemistry Part 4. Homoleptic diacetoneglucose complexes of molybdenum and tungsten: chiral ligands associated with an M≡M triple bond *[Univ. Lausanne 3, Inst. Chim. Minerale & Analyt., Lausanne, Switzerland; Univ. Torino, Dipartimento Chim. Inorgan. Chim. Fis. & Chim. Mat., Turin, Italy]*

Vol. 503 pp. 193–203 (1995)
TEIXIDOR, F., VIÑAS, C., MAR ABAD, M., NUÑEZ, R., KIVEKÄS, R., SILLANPÄÄ, R., Procedure for the degradation of 1,2-$(PR_2)_2$-1,2-dicarba-*closo*-dodecaborane(12) and 1-(PR_2)-2-R'-1,2-dicarba-*closo*-dodecaborane(12) *[Campus Univ. Autonoma Barcelona, CSIC, Inst. Ciencia Mat. Barcelona, Bellaterra, Spain; Univ. Helsinki, Dept. Chem., Helsinki, Finland; Univ. Turku, Dept. Chem., Turku, Finland]*

Vol. 503 pp. 205–212 (1995)
SHALTOUT, R.M., COREY, J.Y., RATH, N.P., The X-ray crystal structures of the *ansa*-metallocenes, $Me_2C(C_5H_4)_2MCl_2$ (M=Ti, Zr and Hf) *[Univ. Missouri, Dept. Chem., St. Louis, MO, USA]*

Vol. 503 pp. 213–220 (1995)
ALEXANDER, C.W., LIN, S.-Y., DIETER, R.K., Conjugate addition reactions of α-azoalkylcuprate reagents *[Clemson Univ., Dept. Chem., H.L. Hunter Lab., Clemson, SC, USA]*

Vol. 503 pp. 221–223 (1995)
ROSENTHAL, U., LEFEBER, C., ARNDT, P., TILLACK, A., BAUMANN, W., KEMPE, R., BURLAKOV, V.V., Intramolekulare Insertion eines η^5-Cyclopentadienyl-Ringes in einem Bis-η^5-cyclopentadienyltitanacyclopentadien *[Univ. Rostock, Max Planck Ges., Arbeitsgrp. Komplexkatalyse, Rostock, Germany]*

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ROSSELL, O., SECO, M., SAGALES, G., Elecrophilic additions of mono-, di- and trigold units to the isoelectronic $[Mn_3(CO)_{12}(\mu\text{-}H)]^{2-}$ and $[Fe_3(CO)_{11}]^{2-}$ anions *[Univ. Barcelona, Dept. Quim. Inorgan., Barcelona, Spain]*

Vol. 503 pp. 235–241 (1995)
SANAU, M., PENG, T.-S., ARIF, M.A., GLADYSZ, J.A., Crystal structures of diastereomeric styrene complexes of the chiral rhenium fragment $[(\mu^5\text{-}C_5H_5)Re(NO)(PPh_3)]^+$: effect of ligating enantioface upon bonding and conformation *[Univ. Utah, Dept. Chem., Salt Lake City, UT, USA]*

Vol. 503 pp. 243–250 (1995)
ZANELLO, P., CASARIN, M., PARDI, L., HERBERHOLD, M., JIN, G.-X., Electrochemical, spectroscopic and theoretical studies of a series of 1,1'-ferrocene dichalcogenido-complexes of rhodium and iridium *[Univ. Siena, Dipartimento Chim., Siena, Italy; Univ. Padua, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Padua, Italy; Univ. Firenze, Dipartimento Chim., Firenze, Italy; Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 503 pp. 251–257 (1995)
CUCCIOLITO, M.E., GIORDANO, F., RUFFO, F., DE FELICE, V., Bi- and trinuclear cationic complexes involving bonds between mercury and five-coordinate platinum(II). Molecular structure of $[\{Pt(2,9\text{-dimethyl-}1,10\text{-phenanthroline})(Z\text{-}MeO_2CCH{=}CHCO_2Me)(H_2O)\}_2Hg](BF_4)_2$ *[Univ. Napoli Federico II, Dipartimento Chim., Naples, Italy; Univ. Molise, Fac. Agr., Campobasso, Italy]*

Vol. 503 pp. 259–263 (1995)
BENITO, A., MARTINEZ-MAÑEZ, R., PAYA, J., SOTO, J., TENDERO, M.J.L., SINN, E., Reaction of ferrocenecarbaldehyde with *o*-phenylenediamine. Crystal structure of *N*-ferrocenylmethyl-2-ferrocenyl-benzimidazole *[Univ. Politecn. Valencia, Dept. Quim., Valencia, Spain; Univ. Politecn. Valencia, Dept. Ing. Constr., Valencia, Spain; Univ. Hull, Sch. Chem., Kingston Hull, North Humberside, England]*

Vol. 503 pp. 265–276 (1995)
LOPEZ, C., SANZ, D., CLARAMUNT, R.M., TROFIMENKO, S., ELGUERO, J., An ^1H and ^{13}C NMR spectroscopic study of the structure of potassium and thallium salts of tris- and tetrakis-(pyrazol-1-yl) borates in solution. Some ^{13}C-^{11}B and ^{13}C-^{205}Tl residual coupling constants *[Uned, Fac. Ciencias, Dept. Quim. Organ. & Biol., Madrid, Spain; Du Pont Sci. & Engn. Labs, Ctr. Res. & Dev., Exptl. Stn., Wilmington, DE, USA; CSIC, Inst. Quim. Med., Madrid, Spain]*

Vol. 503 pp. 277–287 (1995)
HERBERHOLD, M., BIERSACK, M., Umsetzungen der lithiierten Halbsandwich-Komplexe $(CO)_3MC_5H_4$-Li (M=Mn, Re) mit organischen Carbonylverbindungen *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 503 pp. 289–295 (1995)
WRACKMEYER, B., HORCHLER VON LOCQUENGHIEN, K., KUNDLER, S., Stepwise synthesis of organometallic-substituted stannoles via stabilized triorganotin cations *[Univ. Bayreuth, Anorgan. Chem. Lab., Bayreuth, Germany]*

Vol. 503 pp. 297–305 (1995)
LOBBIA, G.G., CECCHI, P., CALOGERO, S., VALLE, G., CHIARINI, M., STIEVANO, L., Organotin(IV) polypyrazolyborates VIII. Hydridotris (4-chloro-3,5-dimethyl-1*H*-pyrazol-1-yl)borates.Characterization, Mössbauer study and X-ray crystal structures of $[SnCl_3\{HB(4\text{-}Cl\text{-}3,5\text{-}Me_2Pz)_3\}]$ and $[PhSbCl_2\{HB(4\text{-}Cl\text{-}3,5\text{-}Me_2Pz)\}_3]$ *[Univ. Camerino, Dipartimento Sci. Chim., Camerino, Italy; Univ. Tuscia, Dipartimento Agrobiol. & Agrochim., Viterbo, Italy; Univ. Venezia, Dipartimento Chim. Fis., Venice, Italy; CNR, Ctr. Ric. Biopolimeri, Padua, Italy]*

Vol. 503 pp. 307–314 (1995)
HERSKOVICS-KORINE, D., EISEN, M.S., Bis(trimethylsilyl)benzamidinate zirconium dichlorides. Active catalysts for ethylene polymerization *[Technion Israel Inst. Technol., Dept. Chem., Haifa, Israel]*

Vol. 503 pp. C1–C3 (1995)
GEORGE, T.A., HAMMUND, H.H., Synthesis and characterization of low valent complexes of molybdenum containing the tridentate ligand $PhP(CH_2CH_2PPh_2)_2$ (TRI) *[Nebraska-Lincoln Univ., Dept. Chem., Lincoln, NE, USA]*

Vol. 503 pp. C4–C7 (1995)
ATWOOD, D.A., JEGIER, J.A., MARTIN, K.J., RUTHERFORD, D., Tetradentate $-N_2O_2$ ligand complexes of Tin(II). X-ray crystal structure of [*N,N'*-(1,2-ethylene)*bis*(salicylaldemine)]tin(II), (SaleanH$_2$Sn) *[North Dakota State Univ., Dept. Chem., Fargo, ND, USA]*

Vol. 503 pp. C8–C10 (1995)
BAKER, P.K., COLES, S.J., HURSTHOUSE, M.B., MEEHAN, M.M., RIDYARD, S.D., Synthesis, molecular structure and reactions of the novel organometallic phosphine ligand, $[WI_2(CO)(\eta^2\text{-triphos})(\eta^2\text{-}MeC_2Me)]\cdot 0.75CH_2Cl_2$ {triphos= $PhP(CH_2CH_2PPh_2)_2$} *[Univ. Wales, Dept. Chem., Bangor, Gwynedd, Wales; Univ. Wales, Coll. Cardiff, Dept. Chem., Cardiff, South Glam, Wales]*

Vol. 503 pp. C12–C15 (1995)
O'Connell, D., Spalding, T.R., Ferguson, G., Gallagher, J.F., Kennedy, J.D., The relationship between the molecular structure of [3,3-(PMe_2Ph)$_2$-closo-3,1,2-$PtC_2B_9H_{11}$] and the mechanism of the fluxional behaviour of M(PR_3)$_2$-units in closo-twelve-atom metallaheteroboranes *[Univ. Coll., Dept. Chem., Cork, Ireland; Univ. Guelph, Dept. Chem., Guelph, ONT, Canada; Dublin City Univ., Dept. Chem., Dublin, Ireland; Univ. Leeds, Sch. Chem., Leeds, West Yorkshire, England]*

Vol. 503 pp. C16–C18 (1995)
Canty, A.J., Jin, H., Skelton, B.W., White, A.H., Hydrogen-bonding 'Pd(OH)...2(HOAr)$^+$ and '[Pd(OH_2)$^+$...OAr]$_2$', and protonation of a hydroxo-ligand by pentafluorophenol in organo-palladium(IV) chemistry; Structural studies of the pallada(IV)-cyclopentane adducts... *[Univ. Tasmania, Dept. Chem., Hobart, TAS, Australia; Univ. Western Australia, Dept. Chem., Nedlands, WA, Australia]*

Vol. 503 pp. C19–C21 (1995)
Lee, S.-M., Cheung, K.-K., Wong, W.-T., Metal cluster-induced desulphurization of *N*-(*p*-methoxybenzol)-S-benzoyl-sulphenamide. Crystal and molecular structures of [Os_6(CO)$_{20}$(μ_4-S)(MeCN)] *[Univ. Hong-Kong, Dept. Chem., Hong-Kong]*

Vol. 503 pp. C22–C25 (1995)
Nombel, P., Lugan, N., Mathieu, R., Protonation of Cp(CO)(PPh_3)RuC≡CPh: Formation of cationic phenylacetylene and phenylvinylidene complexes and subsequent reaction with ethylene oxide to form the net [2+3] cycloadduct [Cp(CO)(PPh_3)Ru=CCH(Ph)CH_2CH_2O]$^+$ *[CNRS, UPR 8241, Chim. Coordinat. Lab., Toulouse, France]*

Vol. 503 pp. C26–C28 (1995)
Kapteijn, G.M., Verhoef, M.J., van den Broek, M.A.F.H., Grove, D.M., van Koten, G., Carbonylation of diamino-ligated methylpalladium(II) methoxide complexes *[Univ. Utrecht, Debye Inst., Dept. Met. Mediated Synth., Utrecht, Netherlands]*

Vol. 503 pp. C29–C31 (1995)
Edwards, A.J., Paver, M.A., Pearson, P., Raithby, P.R., Rennie, M.-A., Russell, C.A., Wright, D.S., Synthesis and structure of the dimeric organo-antimony(V) imido complex [Ph_3Sb(μ-NCH_2CH_2Ph)]$_2$ *[Univ. Cambridge, Chem. Lab., Cambridge, England]*

Vol. 503 pp. C32–C35 (1995)
Glaser, M., Spies, H., Lügger, T., Hahn, F.E., Formation of a rhenium(III) carbonyl complex by electrophilic attack on rhenium isocyanides. Synthesis and molecular structure of {Re[N(CH_2CH_2S)$_3$][CNC(CH_3)$_3$]} and {Re[N(CH_2CH_2S)$_3$](CO)} *[Forschungszent. Rossendorf e.V., Inst. Bioanorg. & Radiopharm. Chem., Dresden, Germany; Free Univ. Berlin, Inst. Anorgan. & Analyt. Chem., Berlin, Germany]*

Vol. 503 pp. C43–C45 (1995)
Ka Hong Lee, K., Wong, W.-T., Synthesis and characterisation of hexanuclear ruthenium clusters containing a μ_4-nitrene ligand. Crystal structures of [Ru_6(CO)$_{15}$(μ-CO)$_2$(μ_4-NH)(μ-OMe){μ_3-η^2-N(H)C(O)OMe}]... *[Univ. Hong-Kong, Dept. Chem., Hong-Kong, Hong-Kong]*

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Manning, A.R., O'Dwyer, L., McArdle, P.A., Cunningham, D., The cleavage of a coordinated SCNR group in [Fe(CO)$_2$L$_2$(η^2-SCNR)] by [Co(η-C_5H_5)(PPh_3)$_2$] to give complexes containing μ_3-CNR ligand... *[Natl. Univ. Ireland, Univ. Coll. Dublin, Dept. Chem., Dublin, Ireland; Natl. Univ. Ireland, Univ. Coll. Galway, Dept. Chem., Galway, Ireland]*

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Clinet, J.C., Duñach, E., A new tetradentate nitrogen ligand for organometallic catalysis: electrochemical nickel-catalyzed intramolecular cyclization *[Univ. Paris 11, Inst. Chim. Molec. Orsay, CNRS, URA 1497, Synth. Asymetr. Lab., Orsay, France; Univ. Nice, Fac. Sci., CNRS, URA 426, Chim. Molec. Lab., Nice, France]*

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Eujen, R., Hoge, B., Donor-free bis(trifluoromethyl)cadmium, (CF_3)$_2$Cd: a readily available low-temperature difluorocarbene source *[Univ.-GH Wuppertal, Fachbereich 9, Anorg. Chem., Wuppertal, Germany]*

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Beringhelli, T., Carlucci, L., D'Alfonso, G., Ciani, G., Proserpio, D.M., H/D exchange via reversible pyridine ortho-metallation, and competition between C-H oxidative addition and CO coordination in hydrido-carbonyl triangular rhenium clusters: a ^{1}H-NMR investigation. X-ray crystal structure of the anion [Re_3(μ-H)$_2$(CO *[CNR, Dipartimento Chim. Inorgan. Met. Organ. & Analit., Milan, Italy; CNR, Dip. Chim. Strutt. & Stereochim. Inorg., Milan, Italy]*

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Luinstra, G.A., Wang, L., Stahl, S.S., Labinger, J.A., Bercaw, J.E., C–H activation by aqueous platinum complexes: A mechanistic study *[Cal. Inst. Tech., Arnold & Mabel Beckman Labs Chem. Synth., Pasadena, CA, USA]*

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PURWOKO, A.A., DROLET, D.P., LEES, A.J., Photophysical aspects of C–H bond activation in rhodium dicarbonyl complexes *[SUNY Binghamton, Dept. Chem., Binghamton, NY, USA]*

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ARNDTSEN, B.A., BERGMAN, R.G., C–H bond activation in functionalized organic compounds with $Cp^*(PMe_3)IrMe(OTf)$: generation, structural characterization and metal-based rearrangement of the acetone activation product $Cp^*(PMe_3)Ir(\eta^3\text{-}CH_2C(OH)CH_2)^+OTf^-$ *[Univ. Calif., Lawrence Berkeley Lab., Berkeley, CA, USA]*

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SHEN, H., WILLIAMS, T.J., BOTT, S.G., RICHMOND, M.G., Ligand substitution of the redox-active diphosphine 4,5-bis(diphenylphosphino)-4-cyclopenten-1,3-dione (bpcd) in the alkynyl-bridged cluster $Ru_3(CO)_9(\mu_2\text{-}H)(\mu_3\text{-}\eta^2\text{-}C{\equiv}C^tBu)$. Synthesis, X-ray structure and electrochemical properties... *[Univ. North Texas, Dept. Chem., Ctr. Organomet. Res. & Educ., Denton, TX, USA]*

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FREMY, G., CASTANET, Y., GRZYBEK, R., MONFLIER, E., MORTEUX, A., TRZECIAK, A.M., ZIOLKOWSKI, J.J., A new, highly selective, water-soluble rhodium catalyst for methyl acrylate hydroformylation *[Ecole Natl. Super Chim. Lille, CNRS, URA 402, Catalyse Heterogene & Homogene Lab., Chim. Organ. Appl. Grp., Villeneuve d'Ascq, France; Silesian Univ., Inst. Chem., Katowice, Poland; Univ. Artois, Fac. Sci. J. Perrin, Lens, France; Univ. Wroclaw, Inst. Chem., Wroclaw, Poland]*

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NOMIYA, K., NOZAKI, C., KANEKO, M., FINKE, R.G., POHL, M., The all-sodium salt of a polyoxoanion-supported organometallic complex: synthesis and characterization of $Na_7[(\eta^5\text{-}C_5Me_5)Rh{\cdot}P_2W_{15}Nb_3O_{62}]{\cdot}7DMSO{\cdot}5H_2O$ *[Kanagawa Univ., Dept. Mat. Sci., Hiratsuka, Kanagawa, Japan; Colorado State Univ., Fort Collins, CO, USA]*

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RÜHLMANN, K., JÄHNICHEN, S., SCHEIM, U., SCHELLER, D., KEIDEL, F., On the synthesis of siloxanes. XXIII. Synthesis and spectroscopic characterization of 2-functional 1,3-dioxa-2,4,7-trisilacycloheptanes *[Tech. Univ. Dresden, Inst. Anorgan. Chem., Dresden, Germany; Chemiewerk Nüchritz GmbH, Nüchritz, Germany; Bundesanst. Materialprüf., Berlin, Germany]*

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WU, Y.J., LIU, Y.H., DING, K.L., YUAN, H.Z., MAO, X.A., Synthesis of cyclopalladated anils of benzoylferrocene via transmetallation reaction of mercurated ferrocenylketimines with Li_2PdCl_4 or by direct cyclopalladation reaction of ferrocenylketimines *[Zhengzhou Univ., Dept. Chem., Zhengzhou, P.R. China; Chinese Acad. Sci., Wuhan Inst. Phys., Magnet Resonance & Atom & Molec. Phys. Lab., Wuhan, P.R. China]*

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MORI, S., OKADA, F., KINOSHITA, T., KAWAZOE, K., TAKAHASHI, M., TAJIMA, S., Metastable ion study of organosilicon compounds VIII. Dimethoxydiphenylsilane *[Kanagawa Sci. Park, Res. Dev. Business Building, Corp. Res. Ctr., Shin-Etsu Chem. Co., Ltd., Kawasaki, Kanagawa, Japan; Sankyo Co. Ltd., Anal. & Metab. Res. Lab., Shinagawa-ku, Tokyo, Japan; Gunma Coll. Techn., Maebashi, Gunma, Japan]*

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HOPPE, S., WEICHMANN, H., JURKSCHAT, K., SCHNEIDER-KOGLIN, C., DRÄGER, M., Synthesis and structural studies of 2-stannyl-substituted ferrocenylmethylamine and -phosphine derivatives $2\text{-}Me_2RSnFcCH_2Y$ (R = Me, Cl; Y = NMe_2, PPh_2, $P(O)Ph_2$; Fc = $C_{10}H_8Fe$) *[Rice Univ., Dept. Chem., Houston, TX, USA; Martin Luther Univ. Halle Wittenberg, Inst. Anorgan. Chem., Halle, Germany; Univ. Dortmund, Lehrst. II Anorg. Chem., Dortmund, Germany; Johannes Gutenberg Univ., Inst. Anorgan. & Analyt. Chem., Mainz, Germany]*

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BENCZE, L., SZILAGYI, R., Structure and reactivity of metathesis-active tungsta-carbenes *[Univ. Veszprém, Dept. Organ. Chem., Veszprém, Hungary]*

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LANG, H., HERRES, M., KÖHLER, K., BLAU, S., WEINMANN, S., WEINMANN, M., RHEINWALD, G., IMHOF, W., Monomere Alkin-stabilisierte Kupfer(I)-Halogenid- und Kupfer(I)-Pseudohalogenid-Verbindungen; Kristallstruktur von $[(\eta^5\text{-}C_5H_4SiMe_3)_2Ti(C{\equiv}CPh)_2]CuCl$ *[Univ. Heidelberg, Inst. Anorgan. Chem., Heidelberg, Germany]*

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MAIER, M.E., OOST, T., Regio- and diastereo-selectivity of the insertion of aldehydes into alkyne zirconocene complexes *[Martin Luther Univ. Halle-Wittenberg, Inst. Organ. Chem., Fachb. Chem., Halle, Germany]*

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